

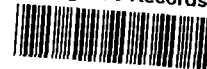


Winnebago Reclamation Service

5450 Wansford Way, Suite 201 • Rockford, IL 61109 • Tel: (815) 381-5646 • Fax: (815) 381-5647

October 11, 2005

EPA Region 5 Records Ctr.



301313

Bernard Schorle
United States Environmental Protection Agency
Region 5 – E.P.A.
77 West Jackson Boulevard
Chicago, Illinois 60604

RE: Winnebago Reclamation Service
2018080001 – Winnebago County
Permit No. 1991-138-LF
Pagel Landfill – Northern Unit
July 2005 – 3rd Quarter Groundwater Monitoring

Dear Mr. Schorle:

Enclosed are copies of the analytical results and chain of custody for groundwater samples collected July 2005. Sample appearance information and field data are provided on the enclosed field data sheet. In addition, I will e-mail you the excel spreadsheet containing the data for the North Unit.

Please feel free to call Tom Hilbert at 815-381-5646, or myself at 815-381-5649, if you have any questions.

Sincerely,

Evan Buskohl
William Charles Waste Companies



PDC Laboratories, Inc.

P.O. Box 9071 • Peoria, IL 61612-9071
(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689



Report Cover Page

Waste Group
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Date Received: 27-Jul-05
Date Reported: 23-Aug-05
PO #: Pagel N-GW
PDC Cust. # : 209324

Attn: Mr. Evan Buskohl

Login No. 05073978

Copy: Ms. Kim Van Pelt, c/o Andrews, 3535 Mayflower Blvd, Springfield, IL, 62711-9405

This report includes information regarding the following described samples as received by the laboratory and is only valid for the parameters tested.

This report contains 13 results page(s) not including the cover page(s).

Sample No.	Client ID	Site	Locator
05073978-1	PAGEL/NORTH	R03S	PAGEL PIT
05073978-2	PAGEL/NORTH	G03M	PAGEL PIT
05073978-3	PAGEL/NORTH	G09D	PAGEL PIT
05073978-4	PAGEL/NORTH	G09M	PAGEL PIT
05073978-5	PAGEL/NORTH	G15S	PAGEL PIT
05073978-6	PAGEL/NORTH	G18D	PAGEL PIT
05073978-7	PAGEL/NORTH	G18S	PAGEL PIT
05073978-8	PAGEL/NORTH	G20D	PAGEL PIT
05073978-9	PAGEL/NORTH	SG1	PAGEL PIT
05073978-10	PAGEL/NORTH	SG3	PAGEL PIT
05073978-11	PAGEL/NORTH	SG4	PAGEL PIT
05073978-12	PAGEL/NORTH	FIELD BLANK	PAGEL PIT
05073978-13	PAGEL/NORTH	EQUIPMENT BLANK	PAGEL PIT

Certified by:

Dorothy W. Rothert, Project Manager

PDC Laboratories, Inc. participates in the following laboratory accreditation/certification/validation and proficiency programs:

Endorsement by the Federal or State Government or their agencies is not implied.

NELAC Accreditation for Drinking Water, Wastewater, Hazardous and Solid Wastes Fields of Testing through IL EPA Lab No. 100230

State of Illinois Certification for Bacteriological Analysis in Drinking Water -Lab Registry No. 17553

Drinking Water Certifications: Indiana (C-IL-04); Kansas (E-10338); Kentucky (90058); Missouri (00870); Wisconsin (998284430)

Wastewater Certifications: Arkansas; Iowa (240); Kansas (E-10338); Wisconsin (998284430)

Hazardous/Solid Waste Certifications: Arkansas; Kansas (E-10338); Wisconsin (998284430)

UST Certification: Iowa (240)

This report shall not be reproduced, except in full, without the written approval of PDC Laboratories, Inc.



**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 27-Jul-05**Date Reported:** 23-Aug-05**PO #:** Pagel N-GW**PDC Cust. #** : 209324**Login No.** 05073978**Sample No:** 05073978-1
Client ID: PAGEL/NORTH
Site: R03S
Locator: PAGEL PIT
Collect Date: 26-JUL-05 13:13

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	59.	mg/l	28-Jul-05 01:04	pli
SM 4500-CN C / G/SW9012A Cyanide, Total	< 0.0050	mg/l	02-Aug-05 16:14	lgjfa
SM 4500 NH3 H / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	11.	mg/l	03-Aug-05 13:54	lgtth
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	< 0.020	mg/l	28-Jul-05 00:45	pli
SM METHOD 5530 B,D / HW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	12-Aug-05 13:15	lgjfa
EPA METHOD 300.0 rev 2.1 Sulfate, Dissolved	30.	mg/l	28-Jul-05 01:04	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	540	mg/l	01-Aug-05 14:21	BH/KD
SW-846 METHOD 6010B Boron, Dissolved	120	ug/l	03-Aug-05 13:45	JVH
Iron, Dissolved	7700	ug/l	03-Aug-05 13:45	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	10.	ug/l	05-Aug-05 10:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Manganese, Dissolved	130	ug/l	05-Aug-05 10:00	KJP
Lead, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Zinc, Dissolved	< 6.0	ug/l	05-Aug-05 10:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 27-Jul-05**Date Reported:** 23-Aug-05**PO #:** Pagel N-GW**PDC Cust. #** : 209324**Login No.** 05073978**Sample No:** 05073978-2
Client ID: PAGEL/NORTH
Site: G03M
Locator: PAGEL PIT
Collect Date: 26-JUL-05 13:30

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	44.	mg/l	28-Jul-05 01:43	pli
SM 4500-CN C / G/SW9012A Cyanide, Total	< 0.0050	mg/l	02-Aug-05 16:15	lgjfa
SM 4500 NH3 H / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	1.1	mg/l	03-Aug-05 11:53	lgtth
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	12.	mg/l	28-Jul-05 01:43	pli
SM METHOD 5530 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	12-Aug-05 13:36	lgjfa
EPA METHOD 300.0 rev. 2.1 Sulfate, Dissolved	29.	mg/l	28-Jul-05 01:43	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	460	mg/l	01-Aug-05 14:22	BH/KD
SW-846 METHOD 6010B Boron, Dissolved	36.	ug/l	03-Aug-05 13:45	JVH
Iron, Dissolved	< 10.	ug/l	03-Aug-05 13:45	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Manganese, Dissolved	440	ug/l	05-Aug-05 10:00	KJP
Lead, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Zinc, Dissolved	< 6.0	ug/l	05-Aug-05 10:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 27-Jul-05

Date Reported: 23-Aug-05

PO #: Pagel N-GW

PDC Cust. # : 209324

Login No. 05073978

Sample No: 05073978-3
Client ID: PAGEL/NORTH
Site: G09D
Locator: PAGEL PIT
Collect Date: 26-JUL-05 14:55

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	35.	mg/l	13-Aug-05 17:49	pli
SM 4500-CN C / G/SW9012A Cyanide, Total	< 0.0050	mg/l	02-Aug-05 16:16	lgjfa
SM 4500 NH3 H / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	< 0.10	mg/l	03-Aug-05 11:53	lgtth
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	0.034	mg/l	27-Jul-05 17:18	pli
SM METHOD 5530 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	12-Aug-05 13:39	lgjfa
EPA METHOD 300.0 rev. 2.1 Sulfate, Dissolved	50.	mg/l	13-Aug-05 17:49	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	920	mg/l	01-Aug-05 14:22	BH/KD
SW-846 METHOD 6010B Boron, Dissolved	51.	ug/l	03-Aug-05 13:45	JVH
Iron, Dissolved	1100	ug/l	03-Aug-05 13:45	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Manganese, Dissolved	870	ug/l	05-Aug-05 10:00	KJP
Lead, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Zinc, Dissolved	< 6.0	ug/l	05-Aug-05 10:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 27-Jul-05**Date Reported:** 23-Aug-05**PO #:** Pagel N-GW**PDC Cust. #** : 209324**Login No.** 05073978**Sample No:** 05073978-4
Client ID: PAGEL/NORTH
Site: G09M
Locator: PAGEL PIT
Collect Date: 26-JUL-05 15:15

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	310	mg/l	16-Aug-05 18:07	pli
SM 4500-CN C, G/SW9012A Cyanide, Total	< 0.0050	mg/l	03-Aug-05 09:15	lgjfa
SM 4500 NH3 H / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	0.15	mg/l	03-Aug-05 11:54	lgtth
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	< 0.020	mg/l	27-Jul-05 18:05	pli
SM METHOD 5510 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	12-Aug-05 13:44	lgjfa
EPA METHOD 300.0 rev. 2.1 Sulfate, Dissolved	< 1.0	mg/l	27-Jul-05 18:05	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	1200	mg/l	01-Aug-05 14:23	BH/KD
SW-846 METHOD 6010B Boron, Dissolved	21.	ug/l	03-Aug-05 13:45	JVH
Iron, Dissolved	4900	ug/l	03-Aug-05 13:45	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Manganese, Dissolved	12.	ug/l	05-Aug-05 10:00	KJP
Lead, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Zinc, Dissolved	10000	ug/l	05-Aug-05 10:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 27-Jul-05**Date Reported:** 23-Aug-05**PO #:** Pagel N-GW**PDC Cust. #** : 209324**Login No.** 05073978**Sample No:** 05073978-5
Client ID: PAGEL/NORTH
Site: G15S
Locator: PAGEL PIT
Collect Date: 27-JUL-05 09:30

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	490	mg/l	16-Aug-05 18:25	pli
SM 4500-CN C / G/SW9012A Cyanide, Total	< 0.0050	mg/l	04-Aug-05 10:08	lgjfa
SM 4500 NH3 H / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	130	mg/l	03-Aug-05 13:42	lgtth
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	< 0.020	mg/l	27-Jul-05 22:30	pli
SM METHOD 5530 B,D / HW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	0.0066	mg/l	12-Aug-05 13:45	lgjfa
EPA METHOD 300.0 rev 2.1 Sulfate, Dissolved	33.	mg/l	27-Jul-05 22:49	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	1200	mg/l	01-Aug-05 14:23	BH/KD
SW-846 METHOD 6010B Boron, Dissolved	680	ug/l	03-Aug-05 13:45	JVH
Iron, Dissolved	2100	ug/l	03-Aug-05 13:45	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	2.9	ug/l	05-Aug-05 10:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Manganese, Dissolved	450	ug/l	05-Aug-05 10:00	KJP
Lead, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Zinc, Dissolved	< 6.0	ug/l	05-Aug-05 10:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 27-Jul-05**Date Reported:** 23-Aug-05**PO #:** Pagel N-GW**PDC Cust. #** : 209324**Login No.** 05073978**Sample No:** 05073978-6
Client ID: PAGEL/NORTH
Site: G18D
Locator: PAGEL PIT
Collect Date: 26-JUL-05 12:56

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	22.	mg/l	27-Jul-05 23:08	pli
SM 4500-CN C, G/SW9012A Cyanide, Total	< 0.0050	mg/l	04-Aug-05 10:08	lgjfa
SM 4500 NH3 H / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	< 0.10	mg/l	09-Aug-05 14:34	lgtth
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	6.6	mg/l	27-Jul-05 23:08	pli
SM METHOD 5530 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	12-Aug-05 13:46	lgjfa
EPA METHOD 300.0 rev. 2.1 Sulfate, Dissolved	29.	mg/l	27-Jul-05 23:08	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	390	mg/l	01-Aug-05 14:23	BH/KD
SW-846 METHOD 6010B Boron, Dissolved	17.	ug/l	03-Aug-05 13:45	JVH
Iron, Dissolved	< 10.	ug/l	03-Aug-05 13:45	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Manganese, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Lead, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Zinc, Dissolved	< 6.0	ug/l	05-Aug-05 10:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 27-Jul-05**Date Reported:** 23-Aug-05**PO #:** Pagel N-GW**PDC Cust. #** : 209324**Login No.** 05073978**Sample No:** 05073978-7
Client ID: PAGEL/NORTH
Site: G18S
Locator: PAGEL PIT
Collect Date: 27-JUL-05 12:30

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	46.	mg/l	28-Jul-05 20:41	pli
SM 4500-CN C / G/SW9012A Cyanide, Total	< 0.0050	mg/l	04-Aug-05 10:09	lgjfa
SM 4500 NH3 H / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	< 0.10	mg/l	03-Aug-05 11:57	lgtth
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	4.9	mg/l	28-Jul-05 20:41	pli
SM METHOD 5530 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	12-Aug-05 13:47	lgjfa
EPA METHOD 300.0 rev. 2.1 Sulfate, Dissolved	91.	mg/l	28-Jul-05 20:41	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	580	mg/l	01-Aug-05 14:23	BH/KD
SW-846 METHOD 6010B Boron, Dissolved	87.	ug/l	03-Aug-05 13:45	JVH
Iron, Dissolved	< 10.	ug/l	03-Aug-05 13:45	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Manganese, Dissolved	350	ug/l	05-Aug-05 10:00	KJP
Lead, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Zinc, Dissolved	< 6.0	ug/l	05-Aug-05 10:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 27-Jul-05

Date Reported: 23-Aug-05

PO #: Pagel N-GW

PDC Cust. # : 209324

Login No. 05073978

Sample No: 05073978-8
Client ID: PAGEL/NORTH
Site: G20D
Locator: PAGEL PIT
Collect Date: 27-JUL-05 09:05

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	25.	mg/l	28-Jul-05 21:00	pli
SM 4500-CN C / G/SW9012A Cyanide, Total	< 0.0050	mg/l	04-Aug-05 10:10	lgjfa
SM 4500 NH3 H / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	< 0.10	mg/l	03-Aug-05 11:58	lgthh
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	4.0	mg/l	28-Jul-05 21:00	pli
SM METHOD 5530 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	12-Aug-05 13:49	lgjfa
EPA METHOD 300.0 rev 2.1 Sulfate, Dissolved	24.	mg/l	28-Jul-05 21:00	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	400	mg/l	01-Aug-05 14:24	BH/KD
SW-846 METHOD 6010B Boron, Dissolved	19.	ug/l	03-Aug-05 13:45	JVH
Iron, Dissolved	< 10.	ug/l	03-Aug-05 13:45	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Manganese, Dissolved	2.4	ug/l	05-Aug-05 10:00	KJP
Lead, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Zinc, Dissolved	< 6.0	ug/l	05-Aug-05 10:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 27-Jul-05**Date Reported:** 23-Aug-05**PO #:** Pagel N-GW**PDC Cust. #** : 209324**Login No.** 05073978**Sample No:** 05073978-9
Client ID: PAGEL/NORTH
Site: SG1
Locator: PAGEL PIT
Collect Date: 26-JUL-05 11:20

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	34.	mg/l	28-Jul-05 11:02	pli
SM 4500-CN C, G/SW9012A Cyanide, Total	< 0.0050	mg/l	04-Aug-05 10:11	lgjfa
SM 4500 NH3 H / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	0.71	mg/l	03-Aug-05 12:02	lgtth
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	1.9	mg/l	28-Jul-05 11:02	pli
SM METHOD 5510 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	12-Aug-05 13:50	lgjfa
EPA METHOD 300.0 rev. 2.1 Sulfate, Dissolved	48.	mg/l	28-Jul-05 11:02	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	430	mg/l	01-Aug-05 14:24	BH/KD
SW-846 METHOD 6010B Boron, Dissolved	28.	ug/l	03-Aug-05 13:45	JVH
Iron, Dissolved	< 10.	ug/l	03-Aug-05 13:45	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	2.0	ug/l	05-Aug-05 10:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Manganese, Dissolved	53.	ug/l	05-Aug-05 10:00	KJP
Lead, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Zinc, Dissolved	< 6.0	ug/l	05-Aug-05 10:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 27-Jul-05

Date Reported: 23-Aug-05

PO #: Pagel N-GW

PDC Cust. # : 209324

Login No. 05073978

Sample No: 05073978-10
Client ID: PAGEL/NORTH
Site: SG3
Locator: PAGEL PIT
Collect Date: 27-JUL-05 09:05

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	34.	mg/l	28-Jul-05 22:17	pli
SM 4500-CN C, G/SW9012A Cyanide, Total	< 0.0050	mg/l	04-Aug-05 10:15	lgjfa
SM 4500 NH3 E / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	< 0.10	mg/l	03-Aug-05 12:03	lgtth
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	2.1	mg/l	28-Jul-05 22:17	pli
SM METHOD 5530 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	12-Aug-05 13:51	lgjfa
EPA METHOD 300.0 rev. 2.1 Sulfate, Dissolved	48.	mg/l	28-Jul-05 22:17	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	420	mg/l	01-Aug-05 14:24	EH/KD
SW-846 METHOD 6010B Boron, Dissolved	21.	ug/l	03-Aug-05 13:45	JVH
Iron, Dissolved	< 10.	ug/l	03-Aug-05 13:45	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	1.8	ug/l	05-Aug-05 10:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Manganese, Dissolved	53.	ug/l	05-Aug-05 10:00	KJP
Lead, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Zinc, Dissolved	< 6.0	ug/l	05-Aug-05 10:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B**Rockford, IL 61109-1759****Attn: Mr. Evan Buskohl****Date Received: 27-Jul-05****Date Reported: 23-Aug-05****PO #: Pagel N-GW****PDC Cust. # : 209324****Login No. 05073978****Sample No:** 05073978-11
Client ID: PAGEL/NORTH
Site: SG4
Locator: PAGEL PIT
Collect Date: 26-JUL-05 12:00

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	34.	mg/l	28-Jul-05 11:21	pli
SM 4500-CN C, G/SW9012A Cyanide, Total	< 0.0050	mg/l	04-Aug-05 10:16	lgjfa
SM 4500 NH3 H / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	0.34	mg/l	03-Aug-05 12:04	lgthh
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	1.9	mg/l	28-Jul-05 11:21	pli
SM METHOD 5530 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	17-Aug-05 10:44	lgjfa
EPA METHOD 300.0 rev. 2.1 Sulfate, Dissolved	49.	mg/l	28-Jul-05 11:21	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	430	mg/l	01-Aug-05 14:25	BH/KD
SW 846 METHOD 6010B Boron, Dissolved	27.	ug/l	03-Aug-05 13:45	JVH
Iron, Dissolved	< 10.	ug/l	03-Aug-05 13:45	JVH
SW 846 METHOD 6020 Arsenic, Dissolved	2.2	ug/l	09-Aug-05 10:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Manganese, Dissolved	49.	ug/l	05-Aug-05 10:00	KJP
Lead, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Zinc, Dissolved	< 6.0	ug/l	05-Aug-05 10:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results**Waste Group
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 27-Jul-05

Date Reported: 23-Aug-05

PO #: Pagel N-GW

PDC Cust. # : 209324

Login No. 05073978

Sample No: 05073978-12
Client ID: PAGEL/NORTH
Site: FIELD BLANK
Locator: PAGEL PIT
Collect Date: 27-JUL-05 09:30

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	< 1.0	mg/l	28-Jul-05 22:36	pli
SM 4500-CN C, G/SW9012A Cyanide, Total	< 0.0050	mg/l	04-Aug-05 10:17	lgjfa
SM 4500 NH3 H / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	< 0.10	mg/l	03-Aug-05 12:06	lgtth
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	< 0.020	mg/l	28-Jul-05 22:36	pli
SM METHOD 5530 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	17-Aug-05 10:46	lgjfa
EPA METHOD 300.0 rev 2.1 Sulfate, Dissolved	< 1.0	mg/l	28-Jul-05 22:36	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	< 17.	mg/l	02-Aug-05 09:56	wh
SW-846 METHOD 6010B Boron, Dissolved	< 10.	ug/l	03-Aug-05 13:45	JVH
Iron, Dissolved	< 10.	ug/l	03-Aug-05 13:45	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Manganese, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Lead, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Zinc, Dissolved	< 6.0	ug/l	05-Aug-05 10:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B**Rockford, IL 61109-1759****Attn: Mr. Evan Buskohl****Date Received: 27-Jul-05****Date Reported: 23-Aug-05****PO #: Pagel N-GW****PDC Cust. # : 209324****Login No. 05073978**Sample No: 05073978-13
Client ID: PAGEL/NORTH
Site: EQUIPMENT BLANK
Locator: PAGEL PIT
Collect Date: 27-JUL-05 09:25

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	< 1.0	mg/l	28-Jul-05 22:55	pli
SM 4500-CN C, G/SW9012A Cyanide, Total	< 0.0050	mg/l	04-Aug-05 10:18	lgjfa
SM 4500 NH3 H / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	< 0.10	mg/l	03-Aug-05 12:07	lgtth
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	< 0.020	mg/l	28-Jul-05 22:55	pli
SM METHOD 5530 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	17-Aug-05 10:51	lgjfa
EPA METHOD 300.0 rev. 2.1 Sulfate, Dissolved	< 1.0	mg/l	28-Jul-05 22:55	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	< 17.	mg/l	02-Aug-05 09:59	mh
SW-846 METHOD 6010B Boron, Dissolved	< 10.	ug/l	03-Aug-05 13:45	JVH
Iron, Dissolved	< 10.	ug/l	03-Aug-05 13:45	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Manganese, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Lead, Dissolved	< 1.0	ug/l	05-Aug-05 10:00	KJP
Zinc, Dissolved	< 6.0	ug/l	05-Aug-05 10:00	KJP



PDC Laboratories, Inc.

P.O. Box 9071 • Peoria, IL 61612-9071
(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689



Report Cover Page

Waste Group
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Copy: Ms. Kim Van Pelt, c/o Andrews, 3535 Mayflower Blvd, Springfield, IL, 62711-9405

Date Received: 26-Jul-05

Date Reported: 19-Aug-05

PO #: Pagel N-GW

PDC Cust. # : 209324

Login No. 05073822

This report includes information regarding the following described samples
as received by the laboratory and is only valid for the parameters tested.

This report contains 21 results page(s) not including the cover page(s).

Sample No.	Client ID	Site	Locator
05073822-1	PAGEL/NORTH	G33D	PAGEL PIT
05073822-2	PAGEL/NORTH	G33S	PAGEL PIT
05073822-3	PAGEL/NORTH	G34D	PAGEL PIT
05073822-4	PAGEL/NORTH	G34S	PAGEL PIT
05073822-5	PAGEL/NORTH	G35D	PAGEL PIT
05073822-6	PAGEL/NORTH	G35S	PAGEL PIT
05073822-7	PAGEL/NORTH	G36S	PAGEL PIT
05073822-8	PAGEL/NORTH	G37D	PAGEL PIT
05073822-9	PAGEL/NORTH	G37S	PAGEL PIT
05073822-10	PAGEL/NORTH	G38S	PAGEL PIT
05073822-11	PAGEL/NORTH	G39S	PAGEL PIT
05073822-12	PAGEL/NORTH	G40S	PAGEL PIT
05073822-13	PAGEL/NORTH	G41D	PAGEL PIT
05073822-14	PAGEL/NORTH	G41M	PAGEL PIT



PDC Laboratories, Inc.

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689



Report Cover Page

Waste Group
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Date Received: 26-Jul-05

Date Reported: 19-Aug-05

PO #: Pagel N-GW

PDC Cust. # : 209324

Attn: Mr. Evan Buskohl

Login No. 05073822

Copy: Ms. Kim Van Pelt, c/o Andrews, 3535 Mayflower Blvd, Springfield, IL, 62711-9405

This report includes information regarding the following described samples
as received by the laboratory and is only valid for the parameters tested.

This report contains 21 results page(s) not including the cover page(s).

Sample No.	Client ID	Site	Locator
05073822-15	PAGEL/NORTH	G41S	PAGEL PIT
05073822-16	PAGEL/NORTH	R42S	PAGEL PIT
05073822-17	PAGEL/NORTH	G119	PAGEL PIT
05073822-18	PAGEL/NORTH	G130	PAGEL PIT
05073822-19	PAGEL/NORTH	G16D	PAGEL PIT
05073822-20	PAGEL/NORTH	G16M	PAGEL PIT
05073822-21	PAGEL/NORTH	G17S	PAGEL PIT

Certified by:

Dorothy W. Rothert, Project Manager

PDC Laboratories, Inc. participates in the following laboratory accreditation/certification/validation and proficiency programs:

Endorsement by the Federal or State Government or their agencies is not implied.

NELAC Accreditation for Drinking Water, Wastewater, Hazardous and Solid Wastes Fields of Testing through IL EPA Lab No. 100230

State of Illinois Certification for Bacteriological Analysis in Drinking Water -Lab Registry No. 17553

Drinking Water Certifications: Indiana (C-IL-04); Kansas (E-10338); Kentucky (90058); Missouri (00870); Wisconsin (998284430)

Wastewater Certifications: Arkansas; Iowa (240); Kansas (E-10338); Wisconsin (998284430)

Hazardous/Solid Waste Certifications: Arkansas; Kansas (E-10338); Wisconsin (998284430)

UST Certification: Iowa (240)

This report shall not be reproduced, except in full, without the written approval of PDC Laboratories, Inc.





PDC Laboratories, Inc.
P.O. Box 9071 • Peoria, IL 61612-9071
(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689



Laboratory Results

Waste Group
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 26-Jul-05
Date Reported: 19-Aug-05
PO #: Pagel N-GW
PDC Cust. # : 209324

Login No. 05073822

Sample No: 05073822-1
Client ID: PAGEL/NORTH
Site: G33D
Locator: PAGEL PIT
Collect Date: 26-JUL-05 11:45

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	24.	mg/l	27-Jul-05 14:08	pli
SM 4500-CN C, G/SW9012A Cyanide, Total	< 0.0050	mg/l	29-Jul-05 10:26	lgjfa
SM 4500 NH3 E / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	<Q 0.10	mg/l	01-Aug-05 12:35	lgtth
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	10.	mg/l	27-Jul-05 14:08	pli
SM METHOD 5530 B, D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	29-Jul-05 14:29	lgjfa
EPA METHOD 300.0 rev 2.1 Sulfate, Dissolved	34.	mg/l	27-Jul-05 14:08	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	420	mg/l	28-Jul-05 07:05	mh/kd
SW-846 METHOD 6010B Boron, Dissolved	11.	ug/l	01-Aug-05 13:15	JVH
Iron, Dissolved	< 10.	ug/l	01-Aug-05 13:15	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Manganese, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Lead, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Zinc, Dissolved	< 6.0	ug/l	03-Aug-05 12:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 26-Jul-05

Date Reported: 19-Aug-05

PO #: Pagel N-GW

PDC Cust. # : 209324

Login No. 05073822

Sample No: 05073822-2
Client ID: PAGEL/NORTH
Site: G33S
Locator: PAGEL PIT
Collect Date: 26-JUL-05 11:30

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	18.	mg/l	27-Jul-05 14:27	pli
SM 4500-CN C / G/SW9012A Cyanide, Total	< 0.0050	mg/l	29-Jul-05 10:27	lgjfa
SM 4500 NH3 H / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	< 0.10	mg/l	01-Aug-05 12:38	lgthh
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	9.6	mg/l	27-Jul-05 14:27	pli
SM METHOD 5530 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	29-Jul-05 14:30	lgjfa
EPA METHOD 300.0 rev 2.1 Sulfate, Dissolved	34.	mg/l	27-Jul-05 14:27	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	430	mg/l	28-Jul-05 07:07	mh/kd
SW-846 METHOD 6010B Boron, Dissolved	11.	ug/l	01-Aug-05 13:15	JVH
Iron, Dissolved	< 10.	ug/l	01-Aug-05 13:15	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Manganese, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Lead, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Zinc, Dissolved	< 6.0	ug/l	03-Aug-05 12:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 26-Jul-05**Date Reported:** 19-Aug-05**PO #:** Pagel N-GW**PDC Cust. #** : 209324**Login No.** 05073822**Sample No:** 05073822-3
Client ID: PAGEL/NORTH
Site: G34D
Locator: PAGEL PIT
Collect Date: 26-JUL-05 10:00

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	99.	mg/l	27-Jul-05 14:47	pli
SM 4500-CN C, G/SW9012A Cyanide, Total	< 0.0050	mg/l	29-Jul-05 10:27	lgjfa
SM 4500 NH3 H / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	< 0.10	mg/l	01-Aug-05 12:39	lgtth
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	5.3	mg/l	27-Jul-05 14:47	pli
SM METHOD 5530 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	29-Jul-05 14:31	lgjfa
EPA METHOD 300.0 rev. 2.1 Sulfate, Dissolved	25.	mg/l	27-Jul-05 14:47	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	580	mg/l	28-Jul-05 07:07	mh/kd
SW-846 METHOD 6010B Boron, Dissolved	< 10.	ug/l	01-Aug-05 13:15	JVH
Iron, Dissolved	< 10.	ug/l	01-Aug-05 13:15	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Manganese, Dissolved	3.6	ug/l	03-Aug-05 12:00	KJP
Lead, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Zinc, Dissolved	< 6.0	ug/l	03-Aug-05 12:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 26-Jul-05**Date Reported:** 19-Aug-05**PO #:** Pagel N-GW**PDC Cust. #** : 209324**Login No.** 05073822**Sample No:** 05073822-4
Client ID: PAGEL/NORTH
Site: G34S
Locator: PAGEL PIT
Collect Date: 26-JUL-05 09:45

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	120	mg/l	12-Aug-05 04:52	pli
SM 4500-CN C, G/SW9012A Cyanide, Total	< 0.0050	mg/l	29-Jul-05 10:28	lgjfa
SM 4500 NH3 H / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	14.	mg/l	01-Aug-05 12:39	lgtth
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	3.2	mg/l	27-Jul-05 15:06	pli
SM METHOD 5530 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	29-Jul-05 14:32	lgjfa
EPA METHOD 300.0 rev. 2.1 Sulfate, Dissolved	26.	mg/l	27-Jul-05 15:06	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	670	mg/l	28-Jul-05 07:08	mh/kd
SW-846 METHOD 6010B Boron, Dissolved	130	ug/l	01-Aug-05 13:15	JVH
Iron, Dissolved	< 10.	ug/l	01-Aug-05 13:15	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Manganese, Dissolved	170	ug/l	03-Aug-05 12:00	KJP
Lead, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Zinc, Dissolved	< 6.0	ug/l	03-Aug-05 12:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 26-Jul-05**Date Reported:** 19-Aug-05**PO #:** Pagel N-GW**PDC Cust. #** : 209324**Login No.** 05073822**Sample No:** 05073822-5
Client ID: PAGEL/NORTH
Site: G35D
Locator: PAGEL PIT
Collect Date: 26-JUL-05 11:14

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	45.	mg/l	27-Jul-05 15:25	pli
SM 4500-CN C, G/SW9012A Cyanide, Total	< 0.0050	mg/l	29-Jul-05 10:29	lgjfa
SM 4500 NH3 H / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	3.7	mg/l	01-Aug-05 12:40	lgtth
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	9.3	mg/l	27-Jul-05 15:25	pli
SM METHOD 5530 B D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	29-Jul-05 14:33	lgjfa
EPA METHOD 300.0 rev. 2.1 Sulfate, Dissolved	29.	mg/l	27-Jul-05 15:25	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	500	mg/l	28-Jul-05 07:08	mh/kd
SW-846 METHOD 5010B Boron, Dissolved	58.	ug/l	01-Aug-05 13:15	JVH
Iron, Dissolved	< 10.	ug/l	01-Aug-05 13:15	JVH
SW-846 METHOD 5020 Arsenic, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Manganese, Dissolved	280	ug/l	03-Aug-05 12:00	KJP
Lead, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Zinc, Dissolved	< 6.0	ug/l	03-Aug-05 12:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl**Date Received: 26-Jul-05****Date Reported: 19-Aug-05****PO #: Pagel N-GW****PDC Cust. # : 209324****Login No. 05073822**Sample No: 05073822-6
Client ID: PAGEL/NORTH
Site: G35S
Locator: PAGEL PIT
Collect Date: 26-JUL-05 11:00

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	42.	mg/l	28-Jul-05 08:47	pli
SM 4500-CN C / G/SW9012A Cyanide, Total	< 0.0050	mg/l	29-Jul-05 10:30	lgjfa
SM 4500 NH3 H / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	26.	mg/l	01-Aug-05 12:41	lgtth
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	2.8	mg/l	28-Jul-05 08:47	pli
SM METHOD 5530 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	08-Aug-05 10:02	lgjfa
EPA METHOD 300.0 rev 2.1 Sulfate, Dissolved	29.	mg/l	28-Jul-05 08:47	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	400	mg/l	28-Jul-05 07:08	mh/kd
SW-846 METHOD 6010B Boron, Dissolved	120	ug/l	01-Aug-05 13:15	JVH
Iron, Dissolved	12.	ug/l	01-Aug-05 13:15	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Manganese, Dissolved	140	ug/l	03-Aug-05 12:00	KJP
Lead, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Zinc, Dissolved	< 6.0	ug/l	03-Aug-05 12:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 26-Jul-05**Date Reported:** 19-Aug-05**PO #:** Pagel N-GW**PDC Cust. # :** 209324**Login No.** 05073822**Sample No:** 05073822-7
Client ID: PAGEL/NORTH
Site: G36S
Locator: PAGEL PIT
Collect Date: 26-JUL-05 09:00

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	35.	mg/l	27-Jul-05 16:42	pli
SM 4500-CN C, G/SW9012A Cyanide, Total	< 0.0050	mg/l	29-Jul-05 10:31	lgjfa
SM 4500 NH3 H / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	< 0.10	mg/l	01-Aug-05 12:42	lgtth
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	13.	mg/l	27-Jul-05 16:42	pli
SM METHOD 5530 B, D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	08-Aug-05 10:05	lgjfa
EPA METHOD 300.0 rev. 2.1 Sulfate, Dissolved	31.	mg/l	27-Jul-05 16:42	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	440	mg/l	28-Jul-05 07:08	mh/kd
SW-846 METHOD 6010B Boron, Dissolved	15.	ug/l	01-Aug-05 13:15	JVH
Iron, Dissolved	< 10.	ug/l	01-Aug-05 13:15	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Manganese, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Lead, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Zinc, Dissolved	< 6.0	ug/l	03-Aug-05 12:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 26-Jul-05**Date Reported:** 19-Aug-05**PO #:** Pagel N-GW**PDC Cust. #** : 209324**Login No.** 05073822**Sample No:** 05073822-8
Client ID: PAGEL/NORTH
Site: G37D
Locator: PAGEL PIT
Collect Date: 26-JUL-05 08:40

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	43.	mg/l	27-Jul-05 17:02	pli
SM 4500-CN C ,G/SW9012A Cyanide, Total	< 0.0050	mg/l	29-Jul-05 10:32	lgjfa
SM 4500 NH3 H / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	< 0.10	mg/l	01-Aug-05 12:43	lgtth
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	7.7	mg/l	27-Jul-05 17:02	pli
SM METHOD 5530 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	08-Aug-05 10:06	lgjfa
EPA METHOD 300.0 rev. 2.1 Sulfate, Dissolved	26.	mg/l	27-Jul-05 17:02	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	470	mg/l	28-Jul-05 07:09	mh/kd
SW-846 METHOD 6010B Boron, Dissolved	22.	ug/l	01-Aug-05 13:15	JVH
Iron, Dissolved	< 10.	ug/l	01-Aug-05 13:15	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Manganese, Dissolved	4.9	ug/l	03-Aug-05 12:00	KJP
Lead, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Zinc, Dissolved	< 6.0	ug/l	03-Aug-05 12:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 26-Jul-05

Date Reported: 19-Aug-05

PO #: Pagel N-GW

PDC Cust. # : 209324

Login No. 05073822

Sample No: 05073822-9
Client ID: PAGEL/NORTH
Site: G37S
Locator: PAGEL PIT
Collect Date: 26-JUL-05 08:52

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	93.	mg/l	12-Aug-05 05:10	pli
SM 4500-CN C, G/SW9012A Cyanide, Total	< 0.0050	mg/l	29-Jul-05 10:36	lgjfa
SM 4500 NH3 F / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	7.2	mg/l	01-Aug-05 12:46	lgtth
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	0.83	mg/l	27-Jul-05 17:21	pli
SM METHOD 5530 B, D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	08-Aug-05 10:07	lgjfa
EPA METHOD 300.0 rev. 2.1 Sulfate, Dissolved	42.	mg/l	27-Jul-05 17:21	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	630	mg/l	28-Jul-05 07:09	mh/kd
SW-846 METHOD 6010B Boron, Dissolved	130	ug/l	01-Aug-05 13:15	JVH
Iron, Dissolved	< 10.	ug/l	01-Aug-05 13:15	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Manganese, Dissolved	5.1	ug/l	03-Aug-05 12:00	KJP
Lead, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Zinc, Dissolved	< 6.0	ug/l	03-Aug-05 12:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 26-Jul-05**Date Reported:** 19-Aug-05**PO #:** Pagel N-GW**PDC Cust. #** : 209324**Login No.** 05073822**Sample No:** 05073822-10
Client ID: PAGEL/NORTH
Site: G38S
Locator: PAGEL PIT
Collect Date: 26-JUL-05 09:55

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	240	mg/l	12-Aug-05 16:11	pli
SM 4500-CN C, G/SW9012A Cyanide, Total	< 0.0050	mg/l	29-Jul-05 10:39	lgjfa
SM 4500 NH3 H / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	71.	mg/l	01-Aug-05 15:04	lgthh
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	0.65	mg/l	27-Jul-05 18:19	pli
SM METHOD 5530 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	08-Aug-05 10:08	lgjfa
EPA METHOD 300.0 rev. 2.1 Sulfate, Dissolved	20.	mg/l	12-Aug-05 05:28	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	920	mg/l	28-Jul-05 07:09	mh/kd
SW-846 METHOD 6010B Boron, Dissolved	390	ug/l	01-Aug-05 13:15	JVH
Iron, Dissolved	1800	ug/l	01-Aug-05 13:15	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	3.5	ug/l	03-Aug-05 12:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Manganese, Dissolved	710	ug/l	03-Aug-05 12:00	KJP
Lead, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Zinc, Dissolved	< 6.0	ug/l	03-Aug-05 12:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 26-Jul-05**Date Reported:** 19-Aug-05**PO #:** Pagel N-GW**PDC Cust. # :** 209324**Login No.** 05073822**Sample No:** 05073822-11
Client ID: PAGEL/NORTH
Site: G39S
Locator: PAGEL PIT
Collect Date: 26-JUL-05 10:25

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	120	mg/l	12-Aug-05 06:05	pli
SM 4500-CN C /G/SW9012A Cyanide, Total	< 0.0050	mg/l	29-Jul-05 10:40	lgjfa
SM 4500 NH3 H / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	3.4	mg/l	01-Aug-05 12:48	lgtth
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	0.26	mg/l	27-Jul-05 18:38	pli
SM METHOD 5530 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	08-Aug-05 10:10	lgjfa
EPA METHOD 300.0 rev. 2.1 Sulfate, Dissolved	27.	mg/l	27-Jul-05 18:58	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	820	mg/l	28-Jul-05 07:09	mh/kd
SW-846 METHOD 6010B Boron, Dissolved	130	ug/l	01-Aug-05 13:15	JVH
Iron, Dissolved	< 10.	ug/l	01-Aug-05 13:15	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	1.1	ug/l	09-Aug-05 10:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	09-Aug-05 10:00	KJP
Manganese, Dissolved	840	ug/l	03-Aug-05 12:00	KJP
Lead, Dissolved	< 1.0	ug/l	09-Aug-05 10:00	KJP
Zinc, Dissolved	< 6.0	ug/l	03-Aug-05 12:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 26-Jul-05**Date Reported:** 19-Aug-05**PO #:** Pagel N-GW**PDC Cust. #** : 209324**Login No.** 05073822Sample No: 05073822-12
Client ID: PAGEL/NORTH
Site: G40S
Locator: PAGEL PIT
Collect Date: 26-JUL-05 10:50

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	180	mg/l	11-Aug-05 20:09	pli
SM 4500-CN C / G/SW9011A Cyanide, Total	< 0.0050	mg/l	29-Jul-05 10:40	lgjfa
SM 4500 NH3 H / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	29.	mg/l	01-Aug-05 12:50	lgthh
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	< 0.020	mg/l	28-Jul-05 09:06	pli
SM METHOD 5530 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	08-Aug-05 10:15	lgjfa
EPA METHOD 300.0 rev 2.1 Sulfate, Dissolved	20.	mg/l	27-Jul-05 19:17	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	800	mg/l	29-Jul-05 14:28	MH/KD/
SW-846 METHOD 6010B Boron, Dissolved	210	ug/l	01-Aug-05 13:15	JVH
Iron, Dissolved	22.	ug/l	01-Aug-05 13:15	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	1.8	ug/l	03-Aug-05 12:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Manganese, Dissolved	820	ug/l	03-Aug-05 12:00	KJP
Lead, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Zinc, Dissolved	< 6.0	ug/l	03-Aug-05 12:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 26-Jul-05**Date Reported:** 19-Aug-05**PO #:** Pagel N-GW**PDC Cust. #** : 209324**Login No.** 05073822**Sample No:** 05073822-13
Client ID: PAGEL/NORTH
Site: G41D
Locator: PAGEL PIT
Collect Date: 26-JUL-05 11:11

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	19.	mg/l	27-Jul-05 20:34	pli
SM 4500-CN C / G/SW9012A Cyanide, Total	< 0.0050	mg/l	29-Jul-05 11:30	lgjfa
SM 4500 NH3 H / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	< 0.10	mg/l	01-Aug-05 12:51	lgtth
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	3.7	mg/l	27-Jul-05 20:34	pli
SM METHOD 5530 B.D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	08-Aug-05 10:16	lgjfa
EPA METHOD 300.0 rev 2.1 Sulfate, Dissolved	22.	mg/l	27-Jul-05 20:34	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	390	mg/l	29-Jul-05 14:29	MH/KD/
SW-846 METHOD 6010B Boron, Dissolved	13.	ug/l	01-Aug-05 13:15	JVH
Iron, Dissolved	150	ug/l	01-Aug-05 13:15	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Manganese, Dissolved	92.	ug/l	03-Aug-05 12:00	KJP
Lead, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Zinc, Dissolved	< 6.0	ug/l	03-Aug-05 12:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 26-Jul-05**Date Reported:** 19-Aug-05**PO #:** Pagel N-GW**PDC Cust. #** : 209324**Login No.** 05073822**Sample No:** 05073822-14
Client ID: PAGEL/NORTH
Site: G41M
Locator: PAGEL PIT
Collect Date: 26-JUL-05 10:22

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	95.	mg/l	11-Aug-05 20:25	pli
SM 4500-CN C, G/SW9012A Cyanide, Total	< 0.0050	mg/l	29-Jul-05 10:42	lgjfa
SM 4500 NH3 H / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	18.	mg/l	01-Aug-05 12:52	lgtth
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	6.3	mg/l	28-Jul-05 09:25	pli
SM METHOD 5530 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	08-Aug-05 10:17	lgjfa
EPA METHOD 300.0 rev. 2.1 Sulfate, Dissolved	25.	mg/l	28-Jul-05 09:25	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	550	mg/l	29-Jul-05 14:29	MH/KD/
SW-846 METHOD 6010B Boron, Dissolved	140	ug/l	01-Aug-05 13:15	JVH
Iron, Dissolved	57.	ug/l	01-Aug-05 13:15	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	2.4	ug/l	03-Aug-05 12:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Manganese, Dissolved	790	ug/l	03-Aug-05 12:00	KJP
Lead, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Zinc, Dissolved	38.	ug/l	03-Aug-05 12:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 26-Jul-05**Date Reported:** 19-Aug-05**PO #:** Pagel N-GW**PDC Cust. #** : 209324**Login No.** 05073822**Sample No:** 05073822-15
Client ID: PAGEL/NORTH
Site: G41S
Locator: PAGEL PIT
Collect Date: 26-JUL-05 10:56

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	130	mg/l	11-Aug-05 20:56	pli
SM 4500-CN C / G/SW9012A Cyanide, Total	< 0.0050	mg/l	29-Jul-05 10:43	lgjfa
SM 4500 NH3 H / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	58.	mg/l	01-Aug-05 15:06	lgtth
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	0.034	mg/l	27-Jul-05 21:13	pli
SM METHOD 5530 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	08-Aug-05 10:18	lgjfa
EPA METHOD 300.0 rev. 2.1 Sulfate, Dissolved	19.	mg/l	11-Aug-05 20:40	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	610	mg/l	29-Jul-05 14:29	MH/KD/
SW-846 METHOD 6010B Boron, Dissolved	440	ug/l	01-Aug-05 13:15	JVH
Iron, Dissolved	5100	ug/l	01-Aug-05 13:15	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	33.	ug/l	03-Aug-05 12:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Manganese, Dissolved	59.	ug/l	03-Aug-05 12:00	KJP
Lead, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Zinc, Dissolved	< 6.0	ug/l	03-Aug-05 12:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 26-Jul-05**Date Reported:** 19-Aug-05**PO #:** Pagel N-GW**PDC Cust. #** : 209324**Login No.** 05073822**Sample No:** 05073822-16
Client ID: PAGEL/NORTH
Site: R42S
Locator: PAGEL PIT
Collect Date: 26-JUL-05 09:30

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	82.	mg/l	11-Aug-05 21:28	pli
SM 4500-CN C / G/SW9012A Cyanide, Total	< 0.0050	mg/l	29-Jul-05 10:44	lgjfa
SM 4500 NH3 F / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	1.5	mg/l	01-Aug-05 12:54	lgtth
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	0.035	mg/l	27-Jul-05 21:32	pli
SM METHOD 5530 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	08-Aug-05 10:40	lgjfa
EPA METHOD 300.0 rev 2.1 Sulfate, Dissolved	12.	mg/l	11-Aug-05 21:12	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	710	mg/l	29-Jul-05 14:30	MH/KD/
SW-846 METHOD 6010B Boron, Dissolved	44.	ug/l	01-Aug-05 13:15	JVH
Iron, Dissolved	22000	ug/l	01-Aug-05 13:15	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	19.	ug/l	03-Aug-05 12:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Manganese, Dissolved	360	ug/l	03-Aug-05 12:00	KJP
Lead, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Zinc, Dissolved	< 6.0	ug/l	03-Aug-05 12:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 26-Jul-05

Date Reported: 19-Aug-05

PO #: Pagel N-GW

PDC Cust. # : 209324

Login No. 05073822

Sample No: 05073822-17
Client ID: PAGEL/NORTH
Site: G119
Locator: PAGEL PIT
Collect Date: 26-JUL-05 09:30

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	25.	mg/l	27-Jul-05 21:51	pli
SM 4500-CN C / G/SW9012A Cyanide, Total	< 0.0050	mg/l	29-Jul-05 10:07	lgjfa
SM 4500 NH3 H / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	< 0.10	mg/l	01-Aug-05 12:57	lgtth
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	16.	mg/l	27-Jul-05 21:51	pli
SM METHOD 5530 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	08-Aug-05 10:47	lgjfa
EPA METHOD 300.0 rev. 2.1 Sulfate, Dissolved	23.	mg/l	27-Jul-05 21:51	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	440	mg/l	29-Jul-05 14:30	MH/KD/
SW-846 METHOD 6010B Boron, Dissolved	15.	ug/l	01-Aug-05 13:15	JVH
Iron, Dissolved	< 10.	ug/l	01-Aug-05 13:15	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Manganese, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Lead, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Zinc, Dissolved	< 6.0	ug/l	03-Aug-05 12:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl**Date Received: 26-Jul-05****Date Reported: 19-Aug-05****PO #: Pagel N-GW****PDC Cust. # : 209324****Login No. 05073822**Sample No: 05073822-18
Client ID: PAGEL/NORTH
Site: G130
Locator: PAGEL PIT
Collect Date: 26-JUL-05 08:35

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	32.	mg/l	28-Jul-05 08:27	pli
SM 4500-CN C, G/SW9012A Cyanide, Total	< 0.0050	mg/l	29-Jul-05 10:07	lgjfa
SM 4500 NH3 H / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	< 0.10	mg/l	01-Aug-05 12:58	lgtth
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	12.	mg/l	28-Jul-05 08:27	pli
SM METHOD 5510 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	08-Aug-05 10:48	lgjfa
EPA METHOD 300.0 rev. 2.1 Sulfate, Dissolved	37.	mg/l	28-Jul-05 08:27	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	420	mg/l	29-Jul-05 14:30	MH/KD/
SW-846 METHOD 6010B Boron, Dissolved	14.	ug/l	01-Aug-05 13:15	JVH
Iron, Dissolved	< 10.	ug/l	01-Aug-05 13:15	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Manganese, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Lead, Dissolved	< 1.0	ug/l	03-Aug-05 12:00	KJP
Zinc, Dissolved	< 6.0	ug/l	03-Aug-05 12:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 26-Jul-05**Date Reported:** 19-Aug-05**PO #:** Pagel N-GW**PDC Cust. #** : 209324**Login No.** 05073822**Sample No:** 05073822-19
Client ID: PAGEL/NORTH
Site: G16D
Locator: PAGEL PIT
Collect Date: 26-JUL-05 10:35

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	12.	mg/l	27-Jul-05 14:56	pli
SM 4500-CN C ,G/SW9012A Cyanide, Total	< 0.0050	mg/l	29-Jul-05 10:48	lgjfa
SM 4500 NH3 H / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	< 0.10	mg/l	01-Aug-05 12:59	lgtth
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	4.0	mg/l	27-Jul-05 14:56	pli
SM METHOD 5530 B.D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	08-Aug-05 10:49	lgjfa
EPA METHOD 300.0 rev. 2.1 Sulfate, Dissolved	30.	mg/l	27-Jul-05 14:56	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	380	mg/l	29-Jul-05 14:30	MH/KD/
SW-846 METHOD 6010B Boron, Dissolved	< 10.	ug/l	01-Aug-05 13:15	JVH
Iron, Dissolved	< 10.	ug/l	01-Aug-05 13:15	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	< 1.0	ug/l	03-Aug-05 13:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	03-Aug-05 13:00	KJP
Manganese, Dissolved	< 1.0	ug/l	03-Aug-05 13:00	KJP
Lead, Dissolved	< 1.0	ug/l	03-Aug-05 13:00	KJP
Zinc, Dissolved	< 6.0	ug/l	03-Aug-05 13:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl**Date Received: 26-Jul-05****Date Reported: 19-Aug-05****PO #: Pagel N-GW****PDC Cust. # : 209324****Login No. 05073822****Sample No:** 05073822-20
Client ID: PAGEL/NORTH
Site: G16M
Locator: PAGEL PIT
Collect Date: 26-JUL-05 10:20

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	49.	mg/l	27-Jul-05 15:59	pli
SM 4500-CN C / G/SW9012A Cyanide, Total	< 0.0050	mg/l	29-Jul-05 10:49	lgjfa
SM 4500 NH3 H / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	5.0	mg/l	01-Aug-05 13:00	lgtth
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	7.4	mg/l	27-Jul-05 15:59	pli
SM METHOD 5510 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	08-Aug-05 10:51	lgjfa
EPA METHOD 300.0 rev. 2.1 Sulfate, Dissolved	28.	mg/l	27-Jul-05 15:59	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	470	mg/l	29-Jul-05 14:31	MH/KD/
SW-846 METHOD 6010B Boron, Dissolved	64.	ug/l	01-Aug-05 13:15	JVH
Iron, Dissolved	< 10.	ug/l	01-Aug-05 13:15	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	< 1.0	ug/l	03-Aug-05 13:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	03-Aug-05 13:00	KJP
Manganese, Dissolved	1000	ug/l	03-Aug-05 13:00	KJP
Lead, Dissolved	< 1.0	ug/l	03-Aug-05 13:00	KJP
Zinc, Dissolved	< 6.0	ug/l	03-Aug-05 13:00	KJP

**PDC Laboratories, Inc.**

P.O. Box 9071 • Peoria, IL 61612-9071

(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

**Laboratory Results****Waste Group**
5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 26-Jul-05**Date Reported:** 19-Aug-05**PO #:** Pagel N-GW**PDC Cust. #** : 209324**Login No.** 05073822**Sample No:** 05073822-21
Client ID: PAGEL/NORTH
Site: G17S
Locator: PAGEL PIT
Collect Date: 26-JUL-05 10:00

Parameter	Result	Units	Date	By
EPA METHOD 300.0 rev 2.1 Chloride, Dissolved	28.	mg/l	11-Aug-05 23:02	pli
SM 4500-CN C ,G/SW9012A Cyanide, Total	< 0.0050	mg/l	29-Jul-05 11:31	lgjfa
SM 4500 NH3 H / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss.	< 0.10	mg/l	01-Aug-05 13:01	lgtth
EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss.	16.	mg/l	27-Jul-05 16:30	pli
SM METHOD 5530 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics	< 0.0050	mg/l	08-Aug-05 10:52	lgjfa
EPA METHOD 300.0 rev. 2.1 Sulfate, Dissolved	51.	mg/l	11-Aug-05 23:02	pli
SM METHOD 2540 C Solids, Total Dissolved, Filtered	480	mg/l	29-Jul-05 14:31	MH/KD/
SW-846 METHOD 6010B Boron, Dissolved	41.	ug/l	01-Aug-05 13:15	JVH
Iron, Dissolved	14.	ug/l	01-Aug-05 13:15	JVH
SW-846 METHOD 6020 Arsenic, Dissolved	< 1.0	ug/l	03-Aug-05 13:00	KJP
Cadmium, Dissolved	< 1.0	ug/l	03-Aug-05 13:00	KJP
Manganese, Dissolved	1.2	ug/l	03-Aug-05 13:00	KJP
Lead, Dissolved	< 1.0	ug/l	03-Aug-05 13:00	KJP
Zinc, Dissolved	< 6.0	ug/l	03-Aug-05 13:00	KJP



DATA QUALIFIERS APPLICABLE TO THE "STANDARD QC" PROGRAM

- A** The presence of this analyte was confirmed using a second column but there was a disparity ($> 40\%$ RPD) between the two sets of results with no apparent chromatographic anomalies. The lower of the two results was reported.
- B** _____ present in the method blank at _____.
- C** The batch control sample failed to meet the required acceptance criteria.
- D** Result obtained through analysis of a sample dilution.
- E** *Concentration exceeds the instrument calibration range.*
- F** Internal standard area failed to meet the required acceptance criteria in duplicate analyses. Results should be interpreted as estimated concentrations.
- G** The Method of Standard Additions (MSA) was used to quantify the concentration.
- H** Test performed after the expiration of the appropriate regulatory/advisory maximum allowable hold time.
- J** Estimated value; value between the MDL and the RDL.
- M** Analyte failed to meet the required acceptance criteria for duplicate analysis.
- P** Chemical preservation discrepancy noted at the time of analysis.
- Q** Analyte failed to meet the required acceptance criteria for spike recovery in the Matrix Spike (MS) and Matrix Spike Duplicate (MSD) due to apparent matrix effects.
- R** Analyte failed to meet the required acceptance criteria for relative percent difference (RPD) between the Matrix Spike and Matrix Spike Duplicate (MS/MSD).
- S** Surrogate compound diluted below a reliable quantitation level.
- T** Surrogate recovery failed to meet the required acceptance criteria in initial analysis. Sample was re-extracted (if applicable) and re-analyzed, and the surrogate recovery was outside of the required acceptance criteria on the second analysis, also. Results should be interpreted as estimated concentrations.
- U** Parameter was analyzed for, but not detected above the reporting limit.
- V** Verification standard recovery failed to meet the required acceptance criteria.
- W** Surrogate recovery failed to meet the required acceptance criteria in initial analysis. Sample was re-extracted (if applicable) beyond the maximum allowable hold time, and re-analyzed. The surrogate recovery was within the required acceptance criteria on this second analysis.
- NA** Not analyzed.
- NR** Not requested.
- X** Miscellaneous; see comments.



PHONE # 309-692-9688
FAX # 309-692-9689

ALL SHADED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

PAGE 1 OF 3

PDC LABORATORIES, INC.
2231 WEST ALTORFER DRIVE
PEORIA, IL 61615

PHONE # 309-692-9688
FAX # 309-692-9689

CHAIN OF CUSTODY RECORD

ALL SHADED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

1 CLIENT		PROJECT NUMBER		P.O. NUMBER		MEANS SHIPPED		3 ANALYSIS REQUESTED		4 (FOR LAB USE ONLY)	
PAGEL PIT LANDFILL		NORTH				PDC				LOGIN # 05073822	
ADDRESS		PHONE NUMBER		FAX NUMBER		DATE SHIPPED				LOGGED BY: JRA	
		815-381-5649								LAB PROJ. #	
CITY STATE ZIP		SAMPLER (PLEASE PRINT) Dm Browne		SAMPLER'S SIGNATURE [Signature]		MATRIX TYPES: WW- WASTEWATER DW- DRINKING WATER GW- GROUND WATER WWSL- SLUDGE NAS- SOLID OTHER:		CL ⁻ , SO ₄ ²⁻ , TDS ⁺ , NO ₃ ⁻ NH ₃ ⁺ , CN, TOC, PHENOL, COD AS ⁺ , B ⁺ , CD ⁺ , MN ⁺ , PB ⁺ , ZN ⁺ SICARS, BOD, O ₂ , F, OIL, NH ₃ NO ₂ , SGM TOTAL METALS 915, 940, 906, 924, 925, 944		TEMPLATE: PAGEL AGW PROJ. MGR.: DOROTHY W. ROTHERT DURE 7-26-05	
CONTACT PERSON MR EVAN BUSKOHL		DATE COLLECTED		TIME COLLECTED		SAMPLE TYPE GRAB COMP		MATRIX TYPE		TOTAL # OF CONT	
2 SAMPLE DESCRIPTION										REMARKS	
G18S						X		GW		G18GZ/APZ	
G20D				7/26/05		X		GW			
G33D		7/24/05		7/24/05 11:45		X		GW		5	
G33S		7/26/05		11:30		X		GW		5	
G34D		7/26/05		10:00		X		GW		5	
G34S		7/26/05		9:45		X		GW		5	
G35D		7/26/05		11:14		X		GW		5	
G35S		7/26/05		11:00		X		GW		5	
G36S		7/26/05		9:00		X		GW		5	
G37D		7/26/05		8:40		X		GW		5	
G37S		7/26/05		8:52		X		GW		5	
5 TURNAROUND TIME REQUESTED (PLEASE CIRCLE) (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE)		NORMAL		RUSH				6 The sample temperature will be measured upon receipt at the lab. By initiating this area you request that the lab notify you, before proceeding with analysis, if the sample temperature is outside of the range of 0.1-6.0°C. By not initiating this area you allow the lab to proceed with analytical testing regardless of the sample temperature.			
RUSH RESULTS VIA (PLEASE CIRCLE)		FAX		PHONE							
FAX # IF DIFFERENT FROM ABOVE:		PHONE # IF DIFFERENT FROM ABOVE:									
7 RELINQUISHED BY: (SIGNATURE) [Signature]		DATE 7/26/05		TIME 12:00		RECEIVED BY: (SIGNATURE) [Signature]		DATE 7/26/05		TIME 0:00	
RELINQUISHED BY: (SIGNATURE) [Signature]		DATE 7/26/05		TIME 2:00		RECEIVED AT LAB BY: (SIGNATURE) [Signature]		DATE 7/26/05		TIME 14:00	
								8 COMMENTS: (FOR LAB USE ONLY)			
								SAMPLE TEMPERATURE UPON RECEIPT 7°C			
								CHILL PROCESS STARTED PRIOR TO RECEIPT		FOR N	
								SAMPLE(S) RECEIVED ON ICE		FOR N	
								BOTTLES RECEIVED IN GOOD CONDITION		FOR N	
								BOTTLES FILLED TO APPROX. THE NECK		FOR N	
								SAMPLES RECEIVED WITHIN HOLD TIME(S)		FOR N	

PHONE # 309-692-9688
FAX # 309-692-9689

1 CLIENT PAGEL PIT LANDFILL		PROJECT NUMBER NORTH		P.O. NUMBER		MEANS SHIPPED PDC		3 ANALYSIS REQUESTED		4 (FOR LAB USE ONLY) LOGIN # 05073822 LOGGED BY: TH LAB PROJ. # TEMPLATE: PAGEL LOW PROJ. MGR.: DOROTHY W. ROTHERT DWR 7-26-01	
ADDRESS		PHONE NUMBER 815-381-5649		FAX NUMBER		DATE SHIPPED		CL, SO4, TDS, NO3 NH3, CN, TOC, PHENOL, COD AS, B, CD, MN, PB, ZN BICARB, BOD, SE, F, OIL, NH4, NO3, NO2 TOTAL METALS SIL, S, PO4, COB, G24, G25, G141		REMARKS	
CITY STATE ZIP		SAMPLER (PLEASE PRINT) Don Brewer		SAMPLER'S SIGNATURE Don Brewer		MATRIX TYPES: WW- WASTEWATER DW- DRINKING WATER GW- GROUND WATER WWSL- SLUDGE NAS- SOLID OTHER:					
CONTACT PERSON MR EVAN BUSKOHL		DATE COLLECTED		TIME COLLECTED		SAMPLE TYPE GRAB COMP		MATRIX TYPE		TOTAL # OF CONT	
2 SAMPLE DESCRIPTION											
G38S		7/26/05		9:55		X		GW		5	
G39S		7/26/05		10:25		X		GW		5	
G40S		7/26/05		10:50		X		GW		5	
G41D		7/26/05		11:11		X		GW		5	
G41M		7/26/05		10:22		X		GW		5	
G41S		7/26/05		10:56		X		GW		5	
R42S		7/26/05		9:30		X		GW		5	
SG1						X		GW			
SG3						X		GW			
SG4						X		GW			
5 TURNAROUND TIME REQUESTED (PLEASE CIRCLE) (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE)		NORMAL		RUSH		6 The sample temperature will be measured upon receipt at the lab. By initialing this area you request that the lab notify you, before proceeding with analysis, if the sample temperature is outside of the range of 0.1-6.0°C. By not initialing this area you allow the lab to proceed with analytical testing regardless of the sample temperature.					
RUSH RESULTS VIA (PLEASE CIRCLE)		FAX		PHONE							
FAX # IF DIFFERENT FROM ABOVE:		PHONE # IF DIFFERENT FROM ABOVE:									
7 RELINQUISHED BY: (SIGNATURE) Don Brewer		DATE 7-26-05		TIME 12:00		RECEIVED BY: (SIGNATURE) Paul H. Smith		DATE 7-26-05		TIME 12:00	
RELINQUISHED BY: (SIGNATURE) Paul H. Smith		DATE 7-26-05		TIME 2:00		RECEIVED AT LAB BY: (SIGNATURE) Paul H. Smith		DATE 7/26/05		TIME 14:00	
								8 COMMENTS: (FOR LAB USE ONLY) SAMPLE TEMPERATURE UPON RECEIPT 7 °C CHILL PROCESS STARTED PRIOR TO RECEIPT SAMPLE(S) RECEIVED ON ICE BOTTLES RECEIVED IN GOOD CONDITION BOTTLES FILLED TO APPROX. THE NECK SAMPLES RECEIVED WITHIN HOLD TIME(S)		FOR N OR N OR N OR N OR N	

PDC LABORATORIES, INC.
2231 WEST ALTORFER DRIVE
PEORIA, IL 61615

PHONE # 309-692-9688
FAX # 309-692-9689

State where samples collected _____

CHAIN OF CUSTODY RECORD

ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

1 CLIENT Pagel North		PROJECT NUMBER		P.O. NUMBER		MEANS SHIPPED		3 ANALYSIS REQUESTED		4 (FOR LAB USE ONLY) LOGIN # 05073978 LOGGED BY: EP LAB PROJ # _____ TEMPLATE: _____ PROJ. MGR. _____	
ADDRESS		PHONE NUMBER		FAX NUMBER		DATE SHIPPED					
CITY STATE ZIP		SAMPLER (PLEASE PRINT) Dm Brown		MATRIX TYPES: WW-WASTEWATER DW-DRINKING WATER GW-GROUND WATER WWSL-SLUDGE NAS-SOLID LCHT-LEACHATE OTHER _____							
CONTACT PERSON		SAMPLER'S SIGNATURE Dm Brown									
2	SAMPLE DESCRIPTION AS YOU WANT ON REPORT		DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB COMP	MATRIX TYPE	BOTTLE COUNT			REMARKS	
	G035		7/26/05	1313	X	G0	5				
	G03m		7/26/05	1330	X	G0	5				
	G09D		7/26/05	1455	X	G0	5				
	G09m		7/26/05	1515	X	G0	5				
	G13s		7/26/05	1400	X	G0	5				
	G13D		7/26/05	1430	X	G0	5				
	G15s		7/27/05	930	X	G0	5				
	G130		7/27/05	740	X	G0	1				
	G18D		7/26/05	1256	X	G0	5				
	G18s		7/26/05	1230	X	G0	5				
	G20D		7/27/05	9:05	X	G0	5				
	SG1		7/26/05	1120	X	SG	5				
5	TURNAROUND TIME REQUESTED (PLEASE CIRCLE) (RUSH IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE)		NORMAL RUSH		DATE RESULTS NEEDED		6 The sample temperature will be measured upon receipt at the lab. By initialing this area you request that the lab notify you, before proceeding with analysis, if the sample temperature is outside of the range of 0-16.0°C. By not initialing this area you allow the lab to proceed with analytical testing regardless of the sample temperature.				
FAX # IF DIFFERENT FROM ABOVE		PHONE # IF DIFFERENT FROM ABOVE									
7	RELINQUISHED BY: (SIGNATURE) Dm Brown		DATE 7/27/05 TIME 1300	RECEIVED BY: (SIGNATURE)		DATE	8 COMMENTS (FOR LAB USE ONLY)				
RELINQUISHED BY: (SIGNATURE)		DATE	RECEIVED BY: (SIGNATURE)		DATE	SAMPLE TEMPERATURE UPON RECEIPT: _____ °C CHILL PROCESS STARTED PRIOR TO RECEIPT: _____ SAMPLE(S) RECEIVED ON ICE: _____ PROPER BOTTLES RECEIVED IN GOOD CONDITION: _____ BOTTLES FILLED WITH ADEQUATE VOLUME: _____ SAMPLES RECEIVED WITHIN TOLD TIME(S): _____ (EXCLUDES TYPICAL FIELD PARAMETERS) DATE AND TIME TAKEN FROM SAMPLE BOTTLE: _____					
RELINQUISHED BY: (SIGNATURE)		DATE	RECEIVED AT LAB BY: (SIGNATURE) Erin M. Peterson		DATE 7/27/05 TIME 1300						

Copies: white should accompany samples to PDC Labs.

Yellow copy to be retained by the client.

PAGE ____ OF ____

PHONE # 309-692-9688
FAX # 309-692-9689

State where samples collected _____

CHAIN OF CUSTODY RECORD

ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

Copies: white should accompany samples to PDC Labs.

Yellow copy to be retained by the client.

PAGE CF

PDC LABORATORIES, INC.
2231 WEST ALTORFER DRIVE
PEORIA, IL 61615

PHONE # 309-692-9688
FAX # 309-692-9689

State where samples collected _____

CHAIN OF CUSTODY RECORD

ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

[illegible]

Copies: white should accompany samples to PDC Labs.

Yellow copy to be retained by the client.

PAGE ____ OF ____

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Page Pit

Monitoring Well/Point 3m

Date: 7/24/03

Start Time: 13:17

Field Personnel: Dud

Finish Time: 13:30

Well Depth (Bottom) From MP: 7245 ft

Depth to Water From MP (Prepurgings) 4352 ft

Well Water Volume: _____ gal

Water Column Length: _____ ft

Water Evacuated: _____ gal

(Pipe ID 1.5" - 0.092 gal/ft, 2" - 0.16 gal/ft, 2.5 - 0.26 gal/ft)

Evacuated with: _____ Teflon Bailor _____ Waterra ☒ Bladder _____ Electric Pump _____ Other (specify)

Sampled with: _____ Teflon Bailor _____ Waterra ☒ Bladder _____ Electric Pump _____ Other (specify)

Sample Appearance: Odor: none Color: clear Turbidity: trace

Weather: Raining 75°F

Environment: Wet ground

Remarks/Well Condition: _____

Time	Collected	Parameter
Unfiltered:		
	Y / N	VOA (40mL)
	Y / N	TOX (250 mL)
	Y / N	TOC (40 mL)
	Y / N	Organics (1/2 gal)
	<input checked="" type="checkbox"/> / N	Phenol (250 mL)
	<input checked="" type="checkbox"/> / N	CN- (250 mL)
	Y / N	Grease & Oil (1 L)
	Y / N	Metals (Total) (500 mL)
	Y / N	General (500 mL)
	Y / N	Ammonia (500 mL)
	Y / N	
	Y / N	

Well Integrity Form

	Yes	No
1. Does well have identification sign?	<input checked="" type="checkbox"/>	
2. Does well have protective posts?	<input checked="" type="checkbox"/>	
3. Is the protective casing locked and does key work?	<input checked="" type="checkbox"/>	
4. Is the well free of damage and in good shape?	<input checked="" type="checkbox"/>	
5. Does well cap fit securely?	<input checked="" type="checkbox"/>	
6. Is the well cap vented?	<input checked="" type="checkbox"/>	
7. Does the area around the well appear clean?	<input checked="" type="checkbox"/>	
8. Is the casing secure?	<input checked="" type="checkbox"/>	
9. Is surface seal void of erosion around/under the base?	<input checked="" type="checkbox"/>	
10. Is the surface seal free of cracks?	<input checked="" type="checkbox"/>	
11. Is the surface seal sloped?	<input checked="" type="checkbox"/>	
12. Is the locking cap free of rust?		<input checked="" type="checkbox"/>
13. Any obstruction or kinks in the well?		<input checked="" type="checkbox"/>
14. Does bladder pump & appurtenances work properly?	<input checked="" type="checkbox"/>	
15. Is there any evidence of natural contamination?		<input checked="" type="checkbox"/>
16. Any presence of water in annular space?		<input checked="" type="checkbox"/>
17. Has well or protective casing been recently painted?		<input checked="" type="checkbox"/>
18. Any grease/unnatural substances on the top of well?		<input checked="" type="checkbox"/>
19. Are there weep holes at the bottom of casing?		<input checked="" type="checkbox"/>

Filtered:	Field Filtered Inorganics <input checked="" type="checkbox"/> / N
	<input checked="" type="checkbox"/> / N Metals (500 mL)
	<input checked="" type="checkbox"/> / N Ammonia/NO ₂ /NO ₃ (500 mL)
	<input checked="" type="checkbox"/> / N General (500 mL)

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol		4365	7.55	600	15.8
2nd Vol		4368	7.46	795	15.2
3rd Vol		4365	7.44	790	14.6

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

Sampler's Signature: [Signature]

PDC Laboratories, Inc. P.O. Box 9071 Peoria, IL 61612-9071 Phone: 309-692-9688 Fax: 309-692-9689

X:\gtrudy\misc\gwsamplingform\Sheet 2-revised.xls 2/17/04

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Page PitMonitoring Well/Point C3S Date: 7/26/05 Start Time: 1250Field Personnel: Jim B Finish Time: 13:15Well Depth (Bottom) From MP: 58.62 ftDepth to Water From MP (Prepurgings) 44.78 ft

Well Water Volume: _____ gal

Water Column Length: _____ ft

Water Evacuated: _____ gal

(Pipe ID 1.5" - 0.092 gal/ft, 2" - 0.16 gal/ft, 2.5" - 0.26 gal/ft)

Evacuated with: _____ Teflon Bailor _____ Waterra X Bladder _____ Electric Pump _____ Other (specify)Sampled with: _____ Teflon Bailor _____ Waterra X Bladder _____ Electric Pump _____ Other (specify)Sample Appearance: Odor: none Color: clear Turbidity: traceWeather: Raining 75°FEnvironment: Wet ground

Remarks/Well Condition: _____

Time Collected	Parameter
Unfiltered:	
Y / N	VOA (40mL)
Y / N	TOX (250 mL)
Y / N	TOC (40 mL)
Y / N	Organics (1/2 gal)
<u>Y</u> / N	Phenol (250 mL)
<u>X</u> / N	CN- (250 mL)
Y / N	Grease & Oil (1 L)
Y / N	Metals (Total) (500 mL)
Y / N	General (500 mL)
Y / N	Ammonia (500 mL)
Y / N	
Y / N	

Well Integrity Form

	Yes	No
1. Does well have identification sign?	<u>X</u>	
2. Does well have protective posts?	<u>✓</u>	
3. Is the protective casing locked and does key work?	<u>✓</u>	
4. Is the well free of damage and in good shape?	<u>✓</u>	
5. Does well cap fit securely?	<u>✓</u>	
6. Is the well cap vented?	<u>✓</u>	
7. Does the area around the well appear clean?	<u>✓</u>	
8. Is the casing secure?	<u>✓</u>	
9. Is surface seal void of erosion around/under the base?	<u>✓</u>	
10. Is the surface seal free of cracks?	<u>✓</u>	
11. Is the surface seal sloped?	<u>✓</u>	
12. Is the locking cap free of rust?		<u>X</u>
13. Any obstruction or kinks in the well?		<u>✓</u>
14. Does bladder pump & appurtenances work properly?		<u>✓</u>
15. Is there any evidence of natural contamination?	<u>X</u>	<u>X</u>
16. Any presence of water in annular space?		<u>✓</u>
17. Has well or protective casing been recently painted?		<u>✓</u>
18. Any grease/unnatural substances on the top of well?		<u>✓</u>
19. Are there weep holes at the bottom of casing?		<u>✓</u>

Filtered: Field Filtered Inorganics Y / N

<u>Y</u> / N	Metals (500 mL)
<u>Y</u> / N	Ammonia/NO ₂ /NO ₃ (500 mL)
<u>Y</u> / N	General (500 mL)

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol		<u>44.90</u>	<u>7.74</u>	<u>950</u>	<u>18.9</u>
2nd Vol		<u>44.90</u>	<u>7.70</u>	<u>950</u>	<u>13.3</u>
3rd Vol		<u>44.90</u>	<u>7.61</u>	<u>955</u>	<u>17.7</u>

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

Sampler's Signature: Jim B

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Page Pit IN
 Monitoring Well/Point A1 Date: 7/24/05 Start Time: 1435
 Field Personnel DMB Finish Time: 1455
 Well Depth (Bottom) From MP: 818.2 ft
 Depth to Water From MP (Prepurgings) 145.3 ft Well Water Volume: _____ gal
 Water Column Length: _____ ft Water Evacuated: _____ gal
 (Pipe ID: 1.5" - 0.092 gal/ft, 2" - 0.16 gal/ft, 2.5" - 0.26 gal/ft)
 Evacuated with: _____ Teflon Bailer _____ Waterra X Bladder _____ Electric Pump _____ Other (specify)
 Sampled with: _____ Teflon Bailer _____ Waterra Y Bladder _____ Electric Pump _____ Other (specify)
 Sample Appearance: Odor: None Color: Clear Turbidity: trace
 Weather: Raining 75°F
 Environment: Wet Ground
 Remarks/Well Condition: _____

Time Collected Parameter (5)
 Unfiltered:
 _____ Y / N VOA (40mL)
 _____ Y / N TOX (250 mL)
 _____ Y / N TOC (40 mL)
 _____ Y / N Organics (1/2 gal)
 _____ Y / N Phenol (250 mL)
 _____ X / N CN- (250 mL)
 _____ Y / N Grease & Oil (1 L)
 _____ Y / N Metals (Total) (500 mL)
 _____ Y / N General (500 mL)
 _____ Y / N Ammonia (500 mL)
 _____ Y / N _____
 _____ Y / N _____

Filtered: Field Filtered Inorganics Y / N
 _____ Y / N Metals (500 mL)
 _____ Y / N Ammonia/NO₂/NO₃ (500 mL)
 _____ Y / N General (500 mL)

Well Integrity Form		Yes	No
1. Does well have identification sign?	<u>Y</u>		
2. Does well have protective posts?	<u>Y</u>		
3. Is the protective casing locked and does key work?	<u>Y</u>		
4. Is the well free of damage and in good shape?	<u>Y</u>		
5. Does well cap fit securely?	<u>Y</u>		
6. Is the well cap vented?	<u>Y</u>		
7. Does the area around the well appear clean?	<u>Y</u>		
8. Is the casing secure?	<u>Y</u>		
9. Is surface seal void of erosion around/under the base?	<u>Y</u>		
10. Is the surface seal free of cracks?	<u>Y</u>		
11. Is the surface seal sloped?	<u>Y</u>		
12. Is the locking cap free of rust?			<u>Y</u>
13. Any obstruction or kinks in the well?			<u>Y</u>
14. Does bladder pump & appurtenances work properly?	<u>Y</u>		
15. Is there any evidence of natural contamination?			<u>Y</u>
16. Any presence of water in annular space?			<u>Y</u>
17. Has well or protective casing been recently painted?			<u>Y</u>
18. Any grease/unnatural substances on the top of well?			<u>X</u>
19. Are there weep holes at the bottom of casing?			<u>X</u>

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol			<u>6.79</u>	<u>1410</u>	<u>16.4</u>
2nd Vol			<u>6.81</u>	<u>1400</u>	<u>15.4</u>
3rd Vol			<u>6.82</u>	<u>1395</u>	<u>15.1</u>

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

Sampler's Signature: DMB

GROUNDWATER SAMPLING RECORD

Project Name/Permit No. Page Pit NorthMonitoring Well/Point 4-nDate: 7/26/05Start Time: 1430 1455Field Personnel: DNDFinish Time: 15 15Well Depth (Bottom) From MP: 30.55 ftDepth to Water From MP (Prepurgings) 45.99 ft

Well Water Volume: _____ gal

Water Column Length: _____ ft

Water Evacuated: _____ gal

(Pipe ID 1.5" - 0.092 gal/ft, 2" - 0.16 gal/ft, 2.5 - 0.26 gal/ft)

Evacuated with: _____ Teflon Bailor _____ Waterra X Bladder _____ Electric Pump _____ Other (specify)Sampled with: _____ Teflon Bailor _____ Waterra X Bladder _____ Electric Pump _____ Other (specify)Sample Appearance: Odor: None Color: Clear Turbidity: traceWeather: Raining 70°FEnvironment: Wet Ground

Remarks/Well Condition: _____

Time Collected	Parameter
Unfiltered:	
Y / N	VOA (40mL)
Y / N	TOX (250 mL)
Y / N	TOC (40 mL)
Y / N	Organics (1/2 gal)
<u>(Y)</u> / N	Phenol (250 mL)
<u>(Y)</u> / N	CN- (250 mL)
Y / N	Grease & Oil (1 L)
Y / N	Metals (Total) (500 mL)
Y / N	General (500 mL)
Y / N	Ammonia (500 mL)
Y / N	
Y / N	

Well Integrity Form

	Yes	No
1. Does well have identification sign?	<u>Y</u>	
2. Does well have protective posts?	<u>Y</u>	
3. Is the protective casing locked and does key work?	<u>X</u>	
4. Is the well free of damage and in good shape?	<u>Y</u>	
5. Does well cap fit securely?	<u>X</u>	
6. Is the well cap vented?	<u>Y</u>	
7. Does the area around the well appear clean?	<u>Y</u>	
8. Is the casing secure?	<u>Y</u>	
9. Is surface seal void of erosion around/under the base?	<u>X</u>	
10. Is the surface seal free of cracks?	<u>X</u>	
11. Is the surface seal sloped?	<u>Y</u>	
12. Is the locking cap free of rust?		<u>Y</u>
13. Any obstruction or kinks in the well?		<u>Y</u>
14. Does bladder pump & appurtenances work properly?	<u>X</u>	
15. Is there any evidence of natural contamination?	<u>Y</u>	
16. Any presence of water in annular space?		<u>Y</u>
17. Has well or protective casing been recently painted?		<u>X</u>
18. Any grease/unnatural substances on the top of well?		<u>Y</u>
19. Are there weep holes at the bottom of casing?		<u>X</u>

Filtered: Field Filtered Inorganics Y / N

<u>(Y)</u> / N	Metals (500 mL)
<u>(Y)</u> / N	Ammonia/NO ₂ /NO ₃ (500 mL)
<u>(Y)</u> / N	General (500 mL)

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol		<u>45.99</u>	<u>7.01</u>	<u>1530</u>	<u>15.9</u>
2nd Vol		<u>46.45</u>	<u>7.04</u>	<u>1534</u>	<u>14.9</u>
3rd Vol		<u>47.10</u>	<u>7.05</u>	<u>1540</u>	<u>14.4</u>

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

Sampler's Signature: [Signature]

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Page Pit North

Monitoring Well/Point G119 Date: 7-26-05 Start Time: _____

Field Personnel: JTM Finish Time: 9:32

Well Depth (Bottom) From MP: 22.57 ft

Depth to Water From MP (Prepurgings) 12.92 ft Well Water Volume: _____ gal

Water Column Length: _____ ft Water Evacuated: _____ gal
(Pipe ID: 1.5" - 0.092 gal/ft, 2" - 0.16 gal/ft, 2.5" - 0.26 gal/ft)

Evacuated with: _____ Teflon Bailer _____ Waterra X Bladder _____ Electric Pump _____ Other (specify)

Sampled with: _____ Teflon Bailer _____ Waterra X Bladder _____ Electric Pump _____ Other (specify)

Sample Appearance: Odor: NONE Color: NONE Turbidity: SC160

Weather: Cloudy Humid 75°

Environment: WOODS NEXT TO CORN FIELD

Remarks/Well Condition: PASSIVE SAMPLE

Time	Collected	Parameter
Unfiltered:		
	Y / N	VOA (40mL)
	Y / N	TOX (250 mL)
	Y / N	TOC (40 mL)
	Y / N	Organics (1/2 gal)
	<u>Y</u> / N	Phenol (250 mL)
	<u>Y</u> / N	CN- (250 mL)
	Y / N	Grease & Oil (1 L)
	Y / N	Metals (Total) (500 mL)
	Y / N	General (500 mL)
	Y / N	Ammonia (500 mL)
	Y / N	
	Y / N	

Filtered:		Field Filtered Inorganics <u>Y</u> / N
	<u>Y</u> / N	Metals (500 mL)
	<u>Y</u> / N	Ammonia/NO ₂ /NO ₃ (500 mL)
	<u>Y</u> / N	General (500 mL)

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol		<u>14.70</u>	<u>7.48</u>	<u>666</u>	<u>15.2</u>
2nd Vol					
3rd Vol					

Well Integrity Form

	Yes	No
1. Does well have identification sign?	<u>X</u>	
2. Does well have protective posts?		<u>X</u>
3. Is the protective casing locked and does key work?	<u>X</u>	
4. Is the well free of damage and in good shape?	<u>X</u>	
5. Does well cap fit securely?	<u>X</u>	
6. Is the well cap vented?	<u>X</u>	
7. Does the area around the well appear clean?	<u>X</u>	
8. Is the casing secure?	<u>X</u>	
9. Is surface seal void of erosion around/under the base?	<u>X</u>	
10. Is the surface seal free of cracks?	<u>X</u>	
11. Is the surface seal sloped?	<u>X</u>	
12. Is the locking cap free of rust?	<u>X</u>	
13. Any obstruction or kinks in the well?		<u>X</u>
14. Does bladder pump & appurtenances work properly?	<u>X</u>	
15. Is there any evidence of natural contamination?		<u>X</u>
16. Any presence of water in annular space?		<u>X</u>
17. Has well or protective casing been recently painted?		<u>X</u>
18. Any grease/unnatural substances on the top of well?		<u>X</u>
19. Are there weep holes at the bottom of casing?		<u>X</u>

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

Sampler's Signature: [Signature]

PDC Laboratories, Inc. P.O. Box 9071 Peoria, IL 61612-9071 Phone: 309-692-9688 Fax: 309-692-9689

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Pagel Pit 11

Monitoring Well/Point G-130 Date: 7/26/05 Start Time: 8:15

Field Personnel: DWB Finish Time: 8:35

Well Depth (Bottom) From MP: 16.15 ft

Depth to Water From MP (Prepurgings) 7.95 ft Well Water Volume: _____ gal

Water Column Length: _____ ft Water Evacuated: _____ gal

(Pipe ID 1.5" - 0.032 gal/ft, 2" - 0.16 gal/ft, 2.5" - 0.26 gal/ft)

Evacuated with: _____ Teflon Bailor _____ Waterra X Bladder _____ Electric Pump _____ Other (specify)

Sampled with: _____ Teflon Bailor _____ Waterra 11 Bladder _____ Electric Pump _____ Other (specify)

Sample Appearance: Odor: none Color: Clear Turbidity: trace

Weather: Clouds 95%

Environment: Dry ground / Tall grass

Remarks/Well Condition: _____

Time Collected	Parameter
Unfiltered:	
Y / N	VOA (40mL)
Y / N	TOX (250 mL)
Y / N	TOC (40 mL)
Y / N	Organics (1/2 gal)
<u>Y</u> / N	Phenol (250 mL)
<u>Y</u> / N	CN- (250 mL)
Y / N	Grease & Oil (1 L)
Y / N	Metals (Total) (500 mL)
Y / N	General (500 mL)
Y / N	Ammonia (500 mL)
Y / N	
Y / N	

Filtered:	Field Filtered Inorganics <u>Y</u> / N
<u>Y</u> / N	Metals (500 mL)
<u>Y</u> / N	Ammonia/NO ₂ /NO ₃ (500 mL)
<u>Y</u> / N	General (500 mL)

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol		<u>8.63</u>	<u>7.12</u>	<u>980</u>	<u>17.6</u>
2nd Vol		<u>8.10</u>	<u>7.14</u>	<u>775</u>	<u>16.2</u>
3rd Vol		<u>8.10</u>	<u>7.08</u>	<u>770</u>	<u>14.2</u>

Well Integrity Form	Yes	No
1. Does well have identification sign?	<input checked="" type="checkbox"/>	
2. Does well have protective posts?		<input checked="" type="checkbox"/>
3. Is the protective casing locked and does key work?	<input checked="" type="checkbox"/>	
4. Is the well free of damage and in good shape?	<input checked="" type="checkbox"/>	
5. Does well cap fit securely?	<input checked="" type="checkbox"/>	
6. Is the well cap vented?	<input checked="" type="checkbox"/>	
7. Does the area around the well appear clean?	<input checked="" type="checkbox"/>	
8. Is the casing secure?	<input checked="" type="checkbox"/>	
9. Is surface seal void of erosion around/under the base?	<input checked="" type="checkbox"/>	
10. Is the surface seal free of cracks?	<input checked="" type="checkbox"/>	
11. Is the surface seal sloped?	<input checked="" type="checkbox"/>	
12. Is the locking cap free of rust?		<input checked="" type="checkbox"/>
13. Any obstruction or kinks in the well?		<input checked="" type="checkbox"/>
14. Does bladder pump & appurtenances work properly?	<input checked="" type="checkbox"/>	
15. Is there any evidence of natural contamination?		<input checked="" type="checkbox"/>
16. Any presence of water in annular space?		<input checked="" type="checkbox"/>
17. Has well or protective casing been recently painted?		<input checked="" type="checkbox"/>
18. Any grease/unnatural substances on the top of well?		<input checked="" type="checkbox"/>
19. Are there weep holes at the bottom of casing?		<input checked="" type="checkbox"/>

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

Sampler's Signature: DWB

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Page Pit n
 Monitoring Well/Point G-130 Date: 7/27/05 Start Time: 7:40
 Field Personnel: DMB Finish Time: _____
 Well Depth (Bottom) From MP: _____ ft
 Depth to Water From MP (Prepurgings) _____ ft Well Water Volume: _____ gal
 Water Column Length: _____ ft Water Evacuated: _____ gal
 (Pipe ID 1.5" - 0.092 gal/ft, 2" - 0.16 gal/ft, 2.5" - 0.26 gal/ft)
 Evacuated with: _____ Teflon Bailor _____ Waterra _____ Bladder _____ Electric Pump _____ Other (specify) _____
 Sampled with: _____ Teflon Bailor _____ Waterra _____ Bladder _____ Electric Pump _____ Other (specify) _____
 Sample Appearance: Odor: none Color: clear Turbidity: trace
 Weather: Sunny 55°
 Environment: Wet Grass
 Remarks/Well Condition: _____

Time Collected Parameter (1)
 Unfiltered:
 _____ Y / N VOA (40mL)
 _____ Y / N TOX (250 mL)
 _____ Y / N TOC (40 mL)
 _____ Y / N Organics (1/2 gal)
 _____ Y / N Phenol (250 mL)
 _____ Y / N CN- (250 mL)
 _____ Y / N Grease & Oil (1 L)
 _____ Y / N Metals (Total) (500 mL)
 _____ Y / N General (500 mL)
 _____ Y / N Ammonia (500 mL)
 _____ Y / N _____
 _____ Y / N _____

Filtered: Field Filtered Inorganics Y / N
 _____ Y / N Metals (500 mL)
 _____ Y / N Ammonia/NO₂/NO₃ (500 mL)
 _____ Y / N General (500 mL)

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol					
2nd Vol					
3rd Vol					

Well Integrity Form	Yes	No
1. Does well have identification sign?		
2. Does well have protective posts?		
3. Is the protective casing locked and does key work?		
4. Is the well free of damage and in good shape?		
5. Does well cap fit securely?		
6. Is the well cap vented?		
7. Does the area around the well appear clean?		
8. Is the casing secure?		
9. Is surface seal void of erosion around/under the base?		
10. Is the surface seal free of cracks?		
11. Is the surface seal sloped?		
12. Is the locking cap free of rust?		
13. Any obstruction or kinks in the well?		
14. Does bladder pump & appurtenances work properly?		
15. Is there any evidence of natural contamination?		
16. Any presence of water in annular space?		
17. Has well or protective casing been recently painted?		
18. Any grease/unnatural substances on the top of well?		
19. Are there weep holes at the bottom of casing?		

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

Sampler's Signature: DMB

Site/Project Name/Permit No. **Pagel Pit**

Well Depth (Bottom) From MP: 71.95 ft

Well Water Volume: gal

Water Evacuated: gal

Evacuated with: ☐ Teflon Bailer ☐ Waterra ☒ Bladder ☐ Electric Pump ☐ Other (specify) _____

Sampled with: Teflon Bailer Waterra ✓ Bladder Electric Pump Other (specify) _____

Sample Appearance: Odor: *none* Color: *Clear* Turbidity: *low*

Weather: Bulmie 70° F

Environment: Wet Season

Remarks/Well Condition:

Time	Collected	Parameter
Unfiltered:	Y / N	VOA (40mL)
	Y / N	TOX (250 mL)
	Y / N	TOC (40 mL)
	Y / N	Organics (1/2 gal)
	Y / N	Phenol (250 mL)
	Y / N	CN- (250 mL)
	Y / N	Grease & Oil (1 L)
	Y / N	Metals (Total) (500 mL)
	Y / N	General (500 mL)
	Y / N	Ammonia (500 mL)
	Y / N	
	Y / N	

Filtered:	Field Filtered Inorganics Y / N
Y / N	Metals (500 mL)
Y / N	Ammonia/NO ₂ /NO ₃ (500 mL)
Y / N	General (500 mL)

Well Integrity Form	Yes	No
1. Does well have identification sign?		✓
2. Does well have protective posts?		✓
3. Is the protective casing locked and does key work?	✓	
4. Is the well free of damage and in good shape?	✓	
5. Does well cap fit securely?	✓	
6. Is the well cap vented?	✓	
7. Does the area around the well appear clean?	✓	
8. Is the casing secure?	✓	
9. Is surface seal void of erosion around/under the base?	✓	
10. Is the surface seal free of cracks?	✓	
11. Is the surface seal sloped?	✓	
12. Is the locking cap free of rust?		✓
13. Any obstruction or kinks in the well?		✓
14. Does bladder pump & appurtenances work properly?	✓	
15. Is there any evidence of natural contamination?		✓
16. Any presence of water in annular space?		✓
17. Has well or protective casing been recently painted?		✓
18. Any grease/unnatural substances on the top of well?		✓
19. Are there weep holes at the bottom of casing?		✓

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol		43.22	6.86	1560	15.2
2nd Vol		45.50	6.84	1660	14.7
3rd Vol		41.80	6.82	1650	14.5

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

Sampler's Signature: 

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Page Pit nMonitoring Well/Point 135 Date: 7/26/05Start Time: 1335Field Personnel: DMBFinish Time: 1400Well Depth (Bottom) From MP: 45.91 ftDepth to Water From MP (Prepurgas) 42.72 ft

Well Water Volume: _____ gal

Water Column Length: _____ ft

Water Evacuated: _____ gal

(Pipe ID: 1.5" - 0.092 gal/ft, 2" - 0.16 gal/ft, 2.5 - 0.26 gal/ft)

Evacuated with: _____ Teflon Bailor _____ Waterra Y Bladder _____ Electric Pump _____ Other (specify)Sampled with: _____ Teflon Bailor _____ Waterra Y Bladder _____ Electric Pump _____ Other (specify)Sample Appearance: Odor: none Color: clear Turbidity: traceWeather: Cloudy 75°FEnvironment: Dry ground

Remarks/Well Condition: _____

Time	Collected	Parameter
Unfiltered:		
	Y / N	VOA (40mL)
	Y / N	TOX (250 mL)
	Y / N	TOC (40 mL)
	Y / N	Organics (1/2 gal)
	Y / N	Phenol (250 mL)
	Y / N	CN- (250 mL)
	Y / N	Grease & Oil (1 L)
	Y / N	Metals (Total) (500 mL)
	Y / N	General (500 mL)
	Y / N	Ammonia (500 mL)
	Y / N	
	Y / N	

Filtered:	Field Filtered Inorganics <u>Y</u> / N
	Y / N Metals (500 mL)
	Y / N Ammonia/NO ₂ /NO ₃ (500 mL)
	Y / N General (500 mL)

Well Integrity Form

	Yes	No
1. Does well have identification sign?		<u>Y</u>
2. Does well have protective posts?		<u>Y</u>
3. Is the protective casing locked and does key work?	<u>Y</u>	
4. Is the well free of damage and in good shape?	<u>Y</u>	
5. Does well cap fit securely?	<u>Y</u>	
6. Is the well cap vented?	<u>Y</u>	
7. Does the area around the well appear clean?	<u>Y</u>	
8. Is the casing secure?	<u>Y</u>	
9. Is surface seal void of erosion around/under the base?	<u>Y</u>	
10. Is the surface seal free of cracks?	<u>Y</u>	
11. Is the surface seal sloped?	<u>Y</u>	
12. Is the locking cap free of rust?		<u>Y</u>
13. Any obstruction or kinks in the well?		<u>Y</u>
14. Does bladder pump & appurtenances work properly?	<u>Y</u>	
15. Is there any evidence of natural contamination?		<u>Y</u>
16. Any presence of water in annular space?		<u>Y</u>
17. Has well or protective casing been recently painted?		<u>Y</u>
18. Any grease/unnatural substances on the top of well?		<u>Y</u>
19. Are there weep holes at the bottom of casing?		<u>Y</u>

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol		<u>42.90</u>	<u>6.99</u>	<u>1430</u>	<u>16.3</u>
2nd Vol		<u>42.90</u>	<u>7.00</u>	<u>1435</u>	<u>16.2</u>
3rd Vol		<u>42.9</u>	<u>7.01</u>	<u>1435</u>	<u>16.1</u>

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

Sampler's Signature: DMB

PDC Laboratories, Inc. P.O. Box 9071 Peoria, IL 61612-9071 Phone: 309-692-9688 Fax: 309-692-9689

X:\gtrudy\misc\gwsamplingform\Sheet 2-revised.xls 2/17/04

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Page Pit north
 Monitoring Well/Point 155 Date: 7/27/08 Start Time: 9:12
 Field Personnel: DJB Finish Time: 9:30
 Well Depth (Bottom) From MP: 47.55 ft
 Depth to Water From MP (Prepurgings) 39.95 ft Well Water Volume: _____ gal
 Water Column Length: _____ ft Water Evacuated: _____ gal
 (Pipe ID: 1.5" - 0.092 gal/ft, 2" - 0.16 gal/ft, 2.5" - 0.26 gal/ft)
 Evacuated with: _____ Teflon Bailer _____ Waterra X Bladder _____ Electric Pump _____ Other (specify)
 Sampled with: _____ Teflon Bailer _____ Waterra X Bladder _____ Electric Pump _____ Other (specify)
 Sample Appearance: Odor: none Color: clear Turbidity: low
 Weather: Sunny 60°F
 Environment: Wet grass
 Remarks/Well Condition: Broken hinge

Time Collected Parameter (5)
 Unfiltered:
 Y / N VOA (40mL)
 Y / N TOX (250 mL)
 Y / N TOC (40 mL)
 Y / N Organics (1/2 gal)
~~Y~~ / N Phenol (250 mL)
 Y / N CN- (250 mL)
 Y / N Grease & Oil (1 L)
 Y / N Metals (Total) (500 mL)
 Y / N General (500 mL)
 Y / N Ammonia (500 mL)
 Y / N
 Y / N

Well Integrity Form		Yes	No
1. Does well have identification sign?		X	
2. Does well have protective posts?			X
3. Is the protective casing locked and does key work?		X	
4. Is the well free of damage and in good shape?			X
5. Does well cap fit securely?		X	
6. Is the well cap vented?		X	
7. Does the area around the well appear clean?		X	
8. Is the casing secure?		X	
9. Is surface seal void of erosion around/under the base?		X	
10. Is the surface seal free of cracks?		X	
11. Is the surface seal sloped?		X	
12. Is the locking cap free of rust?			X
13. Any obstruction or kinks in the well?			X
14. Does bladder pump & appurtenances work properly?		X	
15. Is there any evidence of natural contamination?			X
16. Any presence of water in annular space?			X
17. Has well or protective casing been recently painted?			X
18. Any grease/unnatural substances on the top of well?			X
19. Are there weep holes at the bottom of casing?			X

Filtered:
 Field Filtered Inorganics Y / N
 Y / N Metals (500 mL)
 Y / N Ammonia/NO₂/NO₃ (500 mL)
 Y / N General (500 mL)

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol		39.99	7.54	2690	14.2
2nd Vol		39.99	7.51	3340	14.2
3rd Vol		39.99	7.52	3300	14.1
		40.2	7.53	3310	14

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

Sampler's Signature: DJB

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Page Pit ~ NORTH

Monitoring Well/Point G16D Date: 7-26-05 Start Time: 10:22

Field Personnel: R. ZINSER Finish Time: 10:35

Well Depth (Bottom) From MP: 97.00 ft

Depth to Water From MP (Prepurges) 7.07 ft Well Water Volume: _____ gal

Water Column Length: _____ ft Water Evacuated: _____ gal

(Pipe ID 1.5" - 0.092 gal/ft, 2" - 0.16 gal/ft, 2.5" - 0.26 gal/ft)

Evacuated with: _____ Teflon Bailor _____ Waterra ☒ Bladder _____ Electric Pump _____ Other (specify)

Sampled with: _____ Teflon Bailor _____ Waterra ☒ Bladder _____ Electric Pump _____ Other (specify)

Sample Appearance: Odor: No Color: Clear Turbidity: Slight

Weather: Cloudy 80°F Winds < 5 mph

Environment: TALL WEEDS ~ POISON IVY

Remarks/Well Condition: _____

Time Collected Parameter (5)

Unfiltered:

Y / N VOA (40 mL)

Y / N TOX (250 mL)

Y / N TOC (40 mL)

Y / N Organics (1/2 gal)

(10:35) ☒ N Phenol (250 mL)

☒ N CN- (250 mL)

Y / N Grease & Oil (1 L)

Y / N Metals (Total) (500 mL)

Y / N General (500 mL)

Y / N Ammonia (500 mL)

Y / N

Y / N

Filtered:

Field Filtered Inorganics Y / N

☒ N Metals (500 mL)

☒ N Ammonia/NO₂/NO₃ (500 mL)

☒ N General (500 mL)

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol	10:23	7.20	7.49	510	17°C
2nd Vol	10:24	7.22	7.45	500	17°C
3rd Vol	10:25	7.30	7.43	520	16°C

Well Integrity Form

	Yes	No
1. Does well have identification sign?	<input checked="" type="checkbox"/>	
2. Does well have protective posts?		<input checked="" type="checkbox"/>
3. Is the protective casing locked and does key work?	<input checked="" type="checkbox"/>	
4. Is the well free of damage and in good shape?	<input checked="" type="checkbox"/>	
5. Does well cap fit securely?	<input checked="" type="checkbox"/>	
6. Is the well cap vented?	<input checked="" type="checkbox"/>	
7. Does the area around the well appear clean?		<input checked="" type="checkbox"/>
8. Is the casing secure?		<input checked="" type="checkbox"/>
9. Is surface seal void of erosion around/under the base?		<input checked="" type="checkbox"/>
10. Is the surface seal free of cracks?		<input checked="" type="checkbox"/>
11. Is the surface seal sloped?		<input checked="" type="checkbox"/>
12. Is the locking cap free of rust?		<input checked="" type="checkbox"/>
13. Any obstruction or kinks in the well?		<input checked="" type="checkbox"/>
14. Does bladder pump & appurtenances work properly?	<input checked="" type="checkbox"/>	
15. Is there any evidence of natural contamination?		<input checked="" type="checkbox"/>
16. Any presence of water in annular space?		<input checked="" type="checkbox"/>
17. Has well or protective casing been recently painted?		<input checked="" type="checkbox"/>
18. Any grease/unnatural substances on the top of well?		<input checked="" type="checkbox"/>
19. Are there weep holes at the bottom of casing?		<input checked="" type="checkbox"/>

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

Sampler's Signature: [Signature]

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Pagel Pit ~ NORTH

Monitoring Well/Point G16M Date: 7-26-05 Start Time: 10:05

Field Personnel: R. ZINSE Finish Time: 10:20

Well Depth (Bottom) From MP: 45.30 97.00 ft RZ
7-26-05

Depth to Water From MP (Prepurges) 8.25 ft Well Water Volume: _____ gal

Water Column Length: _____ ft Water Evacuated: _____ gal
(Pipe ID 1.5" - 0.092 gal/ft, 2" - 0.16 gal/ft, 2.5" - 0.26 gal/ft)

Evacuated with: _____ Teflon Bailer _____ Waterra X Bladder _____ Electric Pump _____ Other (specify)

Sampled with: _____ Teflon Bailer _____ Waterra X Bladder _____ Electric Pump _____ Other (specify)

Sample Appearance: Odor: No Color: Clear Turbidity: Slight

Weather: Cloudy 80°F Winds ~ 5mph

Environment: TALL WEEDS ~ POISON IVY

Remarks/Well Condition: _____

Time Collected Parameter (5)

Unfiltered:

_____	Y / N	VOA (40mL)
_____	Y / N	TOX (250 mL)
_____	Y / N	TOC (40 mL)
<u>10:20</u>	Y / N	Organics (1/2 gal)
_____	<u>Y</u> / N	Phenol (250 mL)
_____	<u>Y</u> / N	CN- (250 mL)
_____	Y / N	Grease & Oil (1 L)
_____	Y / N	Metals (Total) (500 mL)
_____	Y / N	General (500 mL)
_____	Y / N	Ammonia (500 mL)
_____	Y / N	_____
_____	Y / N	_____

Filtered: Field Filtered Inorganics Y / N

_____	<u>Y</u> / N	Metals (500 mL)
_____	<u>Y</u> / N	Ammonia/NO ₂ /NO ₃ (500 mL)
_____	<u>Y</u> / N	General (500 mL)

Well Integrity Form		Yes	No
1. Does well have identification sign?		<u>X</u>	
2. Does well have protective posts?			<u>X</u>
3. Is the protective casing locked and does key work?		<u>X</u>	
4. Is the well free of damage and in good shape?		<u>X</u>	
5. Does well cap fit securely?		<u>X</u>	
6. Is the well cap vented?		<u>X</u>	
7. Does the area around the well appear clean?			<u>X</u>
8. Is the casing secure?		<u>X</u>	
9. Is surface seal void of erosion around/under the base?		<u>X</u>	
10. Is the surface seal free of cracks?			<u>X</u>
11. Is the surface seal sloped?			<u>X</u>
12. Is the locking cap free of rust?			<u>X</u>
13. Any obstruction or kinks in the well?			<u>X</u>
14. Does bladder pump & appurtenances work properly?		<u>X</u>	
15. Is there any evidence of natural contamination?			<u>X</u>
16. Any presence of water in annular space?			<u>X</u>
17. Has well or protective casing been recently painted?			<u>X</u>
18. Any grease/unnatural substances on the top of well?			<u>X</u>
19. Are there weep holes at the bottom of casing?			<u>X</u>

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol	10:06	8.30	7.06	660	18°C
2nd Vol	10:07	8.30	7.04	690	17°C
3rd Vol	10:08	8.30	7.01	700	17°C

Initial	Std	Read	Adjust
pH	4.00		4.00
	7.00		7.00
	10.00		10.00
Spec Con	1000		1000

Sampler's Signature: [Signature]

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Page Pit NORTH

Monitoring Well/Point G17S Date: 7-26-05 Start Time: _____

Field Personnel: JTM Finish Time: 10:00

Well Depth (Bottom) From MP: 25.92 ft

Depth to Water From MP (Prepurgings) 17.24 ft Well Water Volume: _____ gal

Water Column Length: _____ ft Water Evacuated: _____ gal
(Pipe ID 1.5" - 0.092 gal/ft, 2"-0.16 gal/ft, 2.5" - 0.26 gal/ft)

Evacuated with: _____ Teflon Bailor _____ Waterra ☒ Bladder _____ Electric Pump _____ Other (specify)

Sampled with: _____ Teflon Bailor _____ Waterra ☒ Bladder _____ Electric Pump _____ Other (specify)

Sample Appearance: Odor: NONE Color: GRAY Turbidity: SLIGHT

Weather: CLOUDY HUMID 75°

Environment: WOODS

Remarks/Well Condition: _____

Time Collected 5 Parameter

Unfiltered:

Y/N	VOA (40mL)
Y/N	TOX (250 mL)
Y/N	TOC (40 mL)
Y/N	Organics (1/2 gal)
<input checked="" type="checkbox"/> N	Phenol (250 mL)
<input checked="" type="checkbox"/> N	CN- (250 mL)
Y/N	Grease & Oil (1 L)
Y/N	Metals (Total) (500 mL)
Y/N	General (500 mL)
Y/N	Ammonia (500 mL)
Y/N	
Y/N	

Filtered:

Field Filtered Inorganics ☒ Y/N

<input checked="" type="checkbox"/> N	Metals (500 mL)
<input checked="" type="checkbox"/> N	Ammonia/NO ₂ /NO ₃ (500 mL)
<input checked="" type="checkbox"/> N	General (500 mL)

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol		17.30	7.3	772	14.1
2nd Vol		17.30	7.56	768	14.2
3rd Vol		17.24	7.60	780	14.3

Sampler's Signature: _____

Well Integrity Form		Yes	No
1. Does well have identification sign?		<input checked="" type="checkbox"/>	
2. Does well have protective posts?			<input checked="" type="checkbox"/>
3. Is the protective casing locked and does key work?		<input checked="" type="checkbox"/>	
4. Is the well free of damage and in good shape?		<input checked="" type="checkbox"/>	
5. Does well cap fit securely?		<input checked="" type="checkbox"/>	
6. Is the well cap vented?		<input checked="" type="checkbox"/>	
7. Does the area around the well appear clean?		<input checked="" type="checkbox"/>	
8. Is the casing secure?		<input checked="" type="checkbox"/>	
9. Is surface seal void of erosion around/under the base?		<input checked="" type="checkbox"/>	
10. Is the surface seal free of cracks?		<input checked="" type="checkbox"/>	
11. Is the surface seal sloped?		<input checked="" type="checkbox"/>	
12. Is the locking cap free of rust?		<input checked="" type="checkbox"/>	
13. Any obstruction or kinks in the well?			<input checked="" type="checkbox"/>
14. Does bladder pump & appurtenances work properly?		<input checked="" type="checkbox"/>	
15. Is there any evidence of natural contamination?			<input checked="" type="checkbox"/>
16. Any presence of water in annular space?			<input checked="" type="checkbox"/>
17. Has well or protective casing been recently painted?			<input checked="" type="checkbox"/>
18. Any grease/unnatural substances on the top of well?			<input checked="" type="checkbox"/>
19. Are there weep holes at the bottom of casing?			<input checked="" type="checkbox"/>

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

PDC Laboratories, Inc. P.O. Box 9071 Peoria, IL 61612-9071 Phone: 309-692-9688, Fax: 309-692-9689

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Page Pit NORTH

Monitoring Well/Point G18D Date: 7-26-05 Start Time: _____

Field Personnel: JM Finish Time: 12:50

Well Depth (Bottom) From MP: 45.22 ft

Depth to Water From MP (Prepurgings) 12.18 ft Well Water Volume: _____ gal

Water Column Length: _____ ft Water Evacuated: _____ gal

(Pipe ID: 1.5" - 0.092 gal/ft, 2" - 0.16 gal/ft, 2.5" - 0.26 gal/ft)

Evacuated with: _____ Teflon Bailer _____ Waterra X Bladder _____ Electric Pump _____ Other (specify)

Sampled with: _____ Teflon Bailer _____ Waterra X Bladder _____ Electric Pump _____ Other (specify)

Sample Appearance: Odor: NONE Color: GRAY Turbidity: SLIGHT

Weather: Cloudy Humid 75°

Environment: THICK WEEDS & TREES

Remarks/Well Condition: _____

Time Collected 5 Parameter

Unfiltered:

Y/N	VOA (40mL)
Y/N	TOX (250 mL)
Y/N	TOC (40 mL)
Y/N	Organics (1/2 gal)
<u>Y/N</u>	Phenol (250 mL)
<u>Y/N</u>	CN- (250 mL)
Y/N	Grease & Oil (1 L)
Y/N	Metals (Total) (500 mL)
Y/N	General (500 mL)
Y/N	Ammonia (500 mL)
Y/N	
Y/N	

Filtered:

<u>Y/N</u>	Field Filtered Inorganics <u>Y/N</u>
<u>Y/N</u>	Metals (500 mL)
<u>Y/N</u>	Ammonia/NO ₂ /NO ₃ (500 mL)
<u>Y/N</u>	General (500 mL)

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol		<u>12.18</u>	<u>7.39</u>	<u>605</u>	<u>16.9</u>
2nd Vol		<u>12.18</u>	<u>7.44</u>	<u>615</u>	<u>17</u>
3rd Vol		<u>12.18</u>	<u>7.50</u>	<u>603</u>	<u>16.9</u>

Sampler's Signature: _____

Well Integrity Form		Yes	No
1. Does well have identification sign?	<u>X</u>		
2. Does well have protective posts?			<u>X</u>
3. Is the protective casing locked and does key work?	<u>X</u>		
4. Is the well free of damage and in good shape?	<u>X</u>		
5. Does well cap fit securely?	<u>X</u>		
6. Is the well cap vented?	<u>X</u>		
7. Does the area around the well appear clean?	<u>X</u>		
8. Is the casing secure?	<u>X</u>		
9. Is surface seal void of erosion around/under the base?			
10. Is the surface seal free of cracks?			
11. Is the surface seal sloped?	<u>X</u>		
12. Is the locking cap free of rust?	<u>X</u>		
13. Any obstruction or kinks in the well?			<u>X</u>
14. Does bladder pump & appurtenances work properly?	<u>X</u>		
15. Is there any evidence of natural contamination?			<u>X</u>
16. Any presence of water in annular space?			<u>X</u>
17. Has well or protective casing been recently painted?			<u>X</u>
18. Any grease/unnatural substances on the top of well?			<u>X</u>
19. Are there weep holes at the bottom of casing?			<u>X</u>

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Page PitMonitoring Well/Point G185 Date: 7-26-05

Start Time: _____

Field Personnel: JimFinish Time: 12:30Well Depth (Bottom) From MP: 17.22 ftDepth to Water From MP (Prepurgings) 7.70 ft

Well Water Volume: _____ gal

Water Column Length: _____ ft

Water Evacuated: _____ gal

(Pipe ID: 1.5" - 0.092 gal/ft, 2"-0.16 gal/ft, 2.5" - 0.26 gal/ft)

Evacuated with: ☒ Teflon Bailor _____ Waterra _____ Bladder _____ Electric Pump _____ Other (specify)Sampled with: ☒ Teflon Bailor _____ Waterra _____ Bladder _____ Electric Pump _____ Other (specify)Sample Appearance: Odor DIRT Color: BROWN Turbidity: HEAVYWeather: CLOUDY HUMID 75°Environment: THICK WEEDS & TREESRemarks/Well Condition: FORMATION WATER

Time	Collected	Parameter
Unfiltered:	<u>5</u>	
	Y / N	VOA (40mL)
	Y / N	TOX (250 mL)
	Y / N	TOC (40 mL)
	Y / N	Organics (1/2 gal)
	<input checked="" type="checkbox"/> N	Phenol (250 mL)
	<input checked="" type="checkbox"/> N	CN- (250 mL)
	Y / N	Grease & Oil (1 L)
	Y / N	Metals (Total) (500 mL)
	Y / N	General (500 mL)
	Y / N	Ammonia (500 mL)
	Y / N	
	Y / N	

Well Integrity Form

	Yes	No
1. Does well have identification sign?	<input checked="" type="checkbox"/>	
2. Does well have protective posts?		<input checked="" type="checkbox"/>
3. Is the protective casing locked and does key work?	<input checked="" type="checkbox"/>	
4. Is the well free of damage and in good shape?	<input checked="" type="checkbox"/>	
5. Does well cap fit securely?		<input checked="" type="checkbox"/>
6. Is the well cap vented?		<input checked="" type="checkbox"/>
7. Does the area around the well appear clean?	<input checked="" type="checkbox"/>	
8. Is the casing secure?	<input checked="" type="checkbox"/>	
9. Is surface seal void of erosion around/under the base?		
10. Is the surface seal free of cracks?		
11. Is the surface seal sloped?	<input checked="" type="checkbox"/>	
12. Is the locking cap free of rust?	<input checked="" type="checkbox"/>	
13. Any obstruction or kinks in the well?		<input checked="" type="checkbox"/>
14. Does bladder pump & appurtenances work properly?	<input checked="" type="checkbox"/>	
15. Is there any evidence of natural contamination?		<input checked="" type="checkbox"/>
16. Any presence of water in annular space?		<input checked="" type="checkbox"/>
17. Has well or protective casing been recently painted?		<input checked="" type="checkbox"/>
18. Any grease/unnatural substances on the top of well?		<input checked="" type="checkbox"/>
19. Are there weep holes at the bottom of casing?		<input checked="" type="checkbox"/>

Filtered:		Field Filtered Inorganics <u>Y / N</u>
	<input checked="" type="checkbox"/> N	Metals (500 mL)
	<input checked="" type="checkbox"/> N	Ammonia/NO ₂ /NO ₃ (500 mL)
	<input checked="" type="checkbox"/> N	General (500 mL)

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol			<u>7.61</u>	<u>811</u>	<u>19</u>
2nd Vol					
3rd Vol					

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

Sampler's Signature: Jim

PDC Laboratories, Inc. P.O. Box 9071 Peoria, IL 61612-9071 Phone: 309-692-9688 Fax: 309-692-9689

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Page Pit non-h
 Monitoring Well/Point 20 D Date: 9/22/05 Start Time: 8:45
 Field Personnel: JB Finish Time: 9:05
 Well Depth (Bottom) From MP: 150.01 ft
 Depth to Water From MP (Prepurgings) 4280 ft Well Water Volume: _____ gal
 Water Column Length: _____ ft Water Evacuated: _____ gal
 (Pipe ID: 1.5" - 0.092 gal/ft, 2" - 0.16 gal/ft, 2.5 - 0.26 gal/ft)
 Evacuated with: _____ Teflon Bailor _____ Waterra X Bladder _____ Electric Pump _____ Other (specify)
 Sampled with: _____ Teflon Bailor _____ Waterra X Bladder _____ Electric Pump _____ Other (specify)
 Sample Appearance: Odor: none Color: clear Turbidity: trace
 Weather: Sunny 55°
 Environment: Wet ground / grass
 Remarks/Well Condition: _____

Time Collected Parameter (5)
 Unfiltered:
 _____ Y / N VOA (40mL)
 _____ Y / N TOX (250 mL)
 _____ Y / N TOC (40 mL)
 _____ Y / N Organics (1/2 gal)
 _____ (Y) / N Phenol (250 mL)
 _____ (Y) / N CN- (250 mL)
 _____ Y / N Grease & Oil (1 L)
 _____ Y / N Metals (Total) (500 mL)
 _____ Y / N General (500 mL)
 _____ Y / N Ammonia (500 mL)
 _____ Y / N _____
 _____ Y / N _____

Filtered: Field Filtered Inorganics (Y) / N
 _____ (Y) / N Metals (500 mL)
 _____ (Y) / N Ammonia/NO₂/NO₃ (500 mL)
 _____ (Y) / N General (500 mL)

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol		43.22	9.78	710	11.8
2nd Vol		43.00	9.37	715	11.6
3rd Vol		43.01	9.15	740	11.3
		43.10	9.10	735	11.2

Sampler's Signature: JB

Well Integrity Form		Yes	No
1. Does well have identification sign?	<u>X</u>		
2. Does well have protective posts?	<u>X</u>		<u>X</u>
3. Is the protective casing locked and does key work?	<u>X</u>		
4. Is the well free of damage and in good shape?	<u>X</u>		
5. Does well cap fit securely?	<u>X</u>		
6. Is the well cap vented?	<u>X</u>		
7. Does the area around the well appear clean?	<u>X</u>		
8. Is the casing secure?	<u>X</u>		
9. Is surface seal void of erosion around/under the base?	<u>X</u>		
10. Is the surface seal free of cracks?	<u>X</u>		
11. Is the surface seal sloped?	<u>X</u>		
12. Is the locking cap free of rust?			<u>X</u>
13. Any obstruction or kinks in the well?			<u>X</u>
14. Does bladder pump & appurtenances work properly?	<u>X</u>		
15. Is there any evidence of natural contamination?			<u>X</u>
16. Any presence of water in annular space?			<u>X</u>
17. Has well or protective casing been recently painted?			<u>X</u>
18. Any grease/unnatural substances on the top of well?			<u>X</u>
19. Are there weep holes at the bottom of casing?			<u>X</u>

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Page Pit ~ NORTH

Monitoring Well/Point G33D Date: 7-26-05 Start Time: 11:32

Field Personnel: R. ZINSEN Finish Time: 11:45

Well Depth (Bottom) From MP: 49.36 ft

Depth to Water From MP (Prepurgings) 8.20 ft Well Water Volume: _____ gal

Water Column Length: _____ ft Water Evacuated: _____ gal

(Pipe ID: 1.5" - 0.092 gal/ft, 2" - 0.16 gal/ft, 2.5" - 0.26 gal/ft)

Evacuated with: _____ Teflon Bailor _____ Waterra X Bladder _____ Electric Pump _____ Other (specify)

Sampled with: _____ Teflon Bailor _____ Waterra X Bladder _____ Electric Pump _____ Other (specify)

Sample Appearance: Odor: No Color: Clear Turbidity: Slight

Weather: Cloudy 80° Winds ~ 5mph

Environment: Tall Weeds

Remarks/Well Condition: _____

Time Collected Parameter 5

Unfiltered:

11:45 Y/N VOA (40mL)

Y/N TOX (250 mL)

Y/N TOC (40 mL)

Y/N Organics (1/2 gal)

Y/N Phenol (250 mL)

Y/N CN- (250 mL)

Y/N Grease & Oil (1 L)

Y/N Metals (Total) (500 mL)

Y/N General (500 mL)

Y/N Ammonia (500 mL)

Y/N

Y/N

Filtered:

Field Filtered Inorganics Y/N

Y/N Metals (500 mL)

Y/N Ammonia/NO₂/NO₃ (500 mL)

Y/N General (500 mL)

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol	11:33	8.25	7.89	580	15°C
2nd Vol	11:34	8.45	7.81	570	15°C
3rd Vol	11:35	8.50	7.75	580	14°C

Well Integrity Form		Yes	No
1. Does well have identification sign?	<u>X</u>		
2. Does well have protective posts?	<u>X</u>		<u>X</u>
3. Is the protective casing locked and does key work?	<u>X</u>		
4. Is the well free of damage and in good shape?	<u>X</u>		
5. Does well cap fit securely?	<u>X</u>		
6. Is the well cap vented?	<u>X</u>		
7. Does the area around the well appear clean?	<u>X</u>		
8. Is the casing secure?	<u>X</u>		
9. Is surface seal void of erosion around/under the base?	<u>X</u>		
10. Is the surface seal free of cracks?	<u>X</u>		
11. Is the surface seal sloped?	<u>X</u>		
12. Is the locking cap free of rust?			<u>X</u>
13. Any obstruction or kinks in the well?			<u>X</u>
14. Does bladder pump & appurtenances work properly?	<u>X</u>		
15. Is there any evidence of natural contamination?			<u>X</u>
16. Any presence of water in annular space?			<u>X</u>
17. Has well or protective casing been recently painted?			<u>X</u>
18. Any grease/unnatural substances on the top of well?			<u>X</u>
19. Are there weep holes at the bottom of casing?			<u>X</u>

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

Sampler's Signature: [Signature]

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No.

Pagel Pit ~ NORTH

Monitoring Well/Point

G 33s

Date:

7-26-05

Start Time:

11:18

Field Personnel:

R. ZINSER

Finish Time:

11:30

Well Depth (Bottom) From MP:

19.98 ft

Depth to Water From MP (Prepurgings)

7.42 ft

Well Water Volume:

gal

Water Column Length:

ft

Water Evacuated:

gal

(Pipe ID: 1.5" - 0.092 gal/ft, 2" - 0.16 gal/ft, 2.5" - 0.26 gal/ft)

Evacuated with:

Teflon Bailor

Waterra

☒

Bladder

Electric Pump

Other (specify)

Sampled with:

Teflon Bailor

Waterra

☒

Bladder

Electric Pump

Other (specify)

Sample Appearance: Odor:

No

Color:

Clear

Turbidity:

Slight

Weather:

Cloudy 80°F Winds < 5mph

Environment:

TALL WEEDS

Remarks/Well Condition:

Time Collected	Parameter
Unfiltered:	
Y / N	VOA (40mL)
Y / N	TOX (250 mL)
Y / N	TOC (40 mL)
Y / N	Organics (1/2 gal)
Y / N	Phenol (250 mL)
Y / N	CN- (250 mL)
Y / N	Grease & Oil (1 L)
Y / N	Metals (Total) (500 mL)
Y / N	General (500 mL)
Y / N	Ammonia (500 mL)
Y / N	
Y / N	

Well Integrity Form

	Yes	No
1. Does well have identification sign?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Does well have protective posts?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Is the protective casing locked and does key work?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Is the well free of damage and in good shape?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Does well cap fit securely?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Is the well cap vented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Does the area around the well appear clean?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Is the casing secure?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9. Is surface seal void of erosion around/under the base?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10. Is the surface seal free of cracks?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11. Is the surface seal sloped?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
12. Is the locking cap free of rust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
13. Any obstruction or kinks in the well?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
14. Does bladder pump & appurtenances work properly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15. Is there any evidence of natural contamination?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
16. Any presence of water in annular space?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17. Has well or protective casing been recently painted?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
18. Any grease/unnatural substances on the top of well?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
19. Are there weep holes at the bottom of casing?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Filtered:

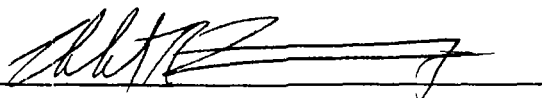
Field Filtered Inorganics Y / N

Y / N	Metals (500 mL)
Y / N	Ammonia/NO ₂ /NO ₃ (500 mL)
Y / N	General (500 mL)

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol	11:19	7.42	8.29	510	17°C
2nd Vol	11:20	7.50	8.16	560	15°C
3rd Vol	11:21	7.57	7.90	560	15°C

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

Sampler's Signature:



GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No.

Pagel Pit ~ NORTH

Monitoring Well/Point G 340Date: 7-26-05Start Time: 9:46Field Personnel: R. ZWISERFinish Time: 10:00Well Depth (Bottom) From MP: 64.64 ftDepth to Water From MP (Prepurgings) 8.00 ft

Well Water Volume: _____ gal

Water Column Length: _____ ft

Water Evacuated: _____ gal

(Pipe ID: 1.5" - 0.092 gal/ft, 2" - 0.16 gal/ft, 2.5" - 0.26 gal/ft)

Evacuated with: _____ Teflon Bailor _____ Waterra X Bladder _____ Electric Pump _____ Other (specify)Sampled with: _____ Teflon Bailor _____ Waterra X Bladder _____ Electric Pump _____ Other (specify)Sample Appearance: Odor: No Color: Clear Turbidity: SlightWeather: Cloudy 75°F Winds < 5 mphEnvironment: Wooded ~ TALL WEEDS

Remarks/Well Condition: _____

Time Collected	Parameter
Unfiltered:	
Y / N	VOA (40mL)
Y / N	TOX (250 mL)
Y / N	TOC (40 mL)
Y / N	Organics (1/2 gal)
Y / N	Phenol (250 mL)
Y / N	CN- (250 mL)
Y / N	Grease & Oil (1 L)
Y / N	Metals (Total) (500 mL)
Y / N	General (500 mL)
Y / N	Ammonia (500 mL)
Y / N	
Y / N	

Well Integrity Form

	Yes	No
1. Does well have identification sign?	<u>X</u>	
2. Does well have protective posts?		<u>X</u>
3. Is the protective casing locked and does key work?	<u>X</u>	
4. Is the well free of damage and in good shape?	<u>X</u>	
5. Does well cap fit securely?	<u>X</u>	
6. Is the well cap vented?	<u>X</u>	
7. Does the area around the well appear clean?		<u>X</u>
8. Is the casing secure?	<u>X</u>	
9. Is surface seal void of erosion around/under the base?	<u>X</u>	
10. Is the surface seal free of cracks?	<u>X</u>	
11. Is the surface seal sloped?	<u>X</u>	
12. Is the locking cap free of rust?		<u>X</u>
13. Any obstruction or kinks in the well?		<u>X</u>
14. Does bladder pump & appurtenances work properly?	<u>X</u>	
15. Is there any evidence of natural contamination?		<u>X</u>
16. Any presence of water in annular space?		<u>X</u>
17. Has well or protective casing been recently painted?		<u>X</u>
18. Any grease/unnatural substances on the top of well?		<u>X</u>
19. Are there weep holes at the bottom of casing?		<u>X</u>

Filtered: Field Filtered Inorganics Y / N

Y / N	Metals (500 mL)
Y / N	Ammonia/NO ₂ /NO ₃ (500 mL)
Y / N	General (500 mL)

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol	9:47	8.15	7.6	760	14°C
2nd Vol	9:48	8.20	7.18	760	14°C
3rd Vol	9:49	8.35	7.18	750	14°C

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

Sampler's Signature: [Signature]

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Page Pit ~ North

Monitoring Well/Point G34s Date: 7-26-05 Start Time: 9:30

Field Personnel: R. ZINSER Finish Time: 9:45

Well Depth (Bottom) From MP: 19.74 ft

Depth to Water From MP (Prepurgings) 7.20 ft Well Water Volume: _____ gal

Water Column Length: _____ ft Water Evacuated: _____ gal

(Pipe ID: 1.5" - 0.092 gal/ft, 2" - 0.16 gal/ft, 2.5" - 0.26 gal/ft)

Evacuated with: _____ Teflon Bailor _____ Waterra ☒ Bladder _____ Electric Pump _____ Other (specify)

Sampled with: _____ Teflon Bailor _____ Waterra ☒ Bladder _____ Electric Pump _____ Other (specify)

Sample Appearance: Odor: No Color: Clear Turbidity: Slight

Weather: Cloudy 75°F Winds < 5 mph

Environment: Wooded ~ TALL WEEDS

Remarks/Well Condition: _____

Time Collected Parameter

Unfiltered:

_____ Y / N VOA (40mL)

_____ Y / N TOX (250 mL)

_____ Y / N TOC (40 mL)

_____ Y / N Organics (1/2 gal)

9:45 ☒ Y / N Phenol (250 mL)

9:45 ☒ Y / N CN- (250 mL)

_____ Y / N Grease & Oil (1 L)

_____ Y / N Metals (Total) (500 mL)

_____ Y / N General (500 mL)

_____ Y / N Ammonia (500 mL)

_____ Y / N

_____ Y / N

Well Integrity Form

	Yes	No
1. Does well have identification sign?	<input checked="" type="checkbox"/>	
2. Does well have protective posts?		<input checked="" type="checkbox"/>
3. Is the protective casing locked and does key work?	<input checked="" type="checkbox"/>	
4. Is the well free of damage and in good shape?	<input checked="" type="checkbox"/>	
5. Does well cap fit securely?	<input checked="" type="checkbox"/>	
6. Is the well cap vented?	<input checked="" type="checkbox"/>	
7. Does the area around the well appear clean?		<input checked="" type="checkbox"/>
8. Is the casing secure?	<input checked="" type="checkbox"/>	
9. Is surface seal void of erosion around/under the base?		<input checked="" type="checkbox"/>
10. Is the surface seal free of cracks?		<input checked="" type="checkbox"/>
11. Is the surface seal sloped?		<input checked="" type="checkbox"/>
12. Is the locking cap free of rust?		<input checked="" type="checkbox"/>
13. Any obstruction or kinks in the well?		<input checked="" type="checkbox"/>
14. Does bladder pump & appurtenances work properly?	<input checked="" type="checkbox"/>	
15. Is there any evidence of natural contamination?		<input checked="" type="checkbox"/>
16. Any presence of water in annular space?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
17. Has well or protective casing been recently painted?		<input checked="" type="checkbox"/>
18. Any grease/unnatural substances on the top of well?		<input checked="" type="checkbox"/>
19. Are there weep holes at the bottom of casing?		<input checked="" type="checkbox"/>

Filtered: Field Filtered Inorganics Y / N

_____ ☒ Y / N Metals (500 mL)

_____ ☒ Y / N Ammonia/NO₂/NO₃ (500 mL)

_____ ☒ Y / N General (500 mL)

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol	9:31	7.70	6.96	780	16°C
2nd Vol	9:32	7.80	6.95	940	15°C
3rd Vol	9:33	8.00	6.94	940	14°C

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

Sampler's Signature: [Signature]

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Page Pit ~ NORTH

Monitoring Well/Point G35D Date: 7-26-05 Start Time: 11:01

Field Personnel: R. ZINSE Finish Time: 11:14

Well Depth (Bottom) From MP: 50.18 ft

Depth to Water From MP (Prepurgings) 8.35 ft Well Water Volume: _____ gal

Water Column Length: _____ ft Water Evacuated: _____ gal

(Pipe ID: 1.5" - 0.092 gal/ft, 2" - 0.16 gal/ft, 2.5" - 0.26 gal/ft)

Evacuated with: _____ Teflon Bailor _____ Waterra ☒ Bladder _____ Electric Pump _____ Other (specify)

Sampled with: _____ Teflon Bailor _____ Waterra ☒ Bladder _____ Electric Pump _____ Other (specify)

Sample Appearance: Odor: No Color: Clear Turbidity: Slight

Weather: Cloudy 80% Winds < 5mph

Environment: Wooded ~ TALL WEEDS

Remarks/Well Condition: _____

Time Collected Parameter 5

Unfiltered:

Y/N	VOA (40mL)
Y/N	TOX (250 mL)
Y/N	TOC (40 mL)
Y/N	Organics (1/2 gal)
<input checked="" type="checkbox"/> Y/N	Phenol (250 mL)
<input checked="" type="checkbox"/> Y/N	CN- (250 mL)
Y/N	Grease & Oil (1 L)
Y/N	Metals (Total) (500 mL)
Y/N	General (500 mL)
Y/N	Ammonia (500 mL)
Y/N	
Y/N	

Filtered: Field Filtered Inorganics Y/N

<input checked="" type="checkbox"/> Y/N	Metals (500 mL)
<input checked="" type="checkbox"/> Y/N	Ammonia/NO ₂ /NO ₃ (500 mL)
<input checked="" type="checkbox"/> Y/N	General (500 mL)

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol	11:02	8.35	7.00	640	15°C
2nd Vol	11:03	8.40	6.98	640	15°C
3rd Vol	11:04	8.42	6.98	650	15°C

Sampler's Signature: [Signature]

Well Integrity Form

	Yes	No
1. Does well have identification sign?	<input checked="" type="checkbox"/>	
2. Does well have protective posts?		<input checked="" type="checkbox"/>
3. Is the protective casing locked and does key work?	<input checked="" type="checkbox"/>	
4. Is the well free of damage and in good shape?	<input checked="" type="checkbox"/>	
5. Does well cap fit securely?		<input checked="" type="checkbox"/>
6. Is the well cap vented?		<input checked="" type="checkbox"/>
7. Does the area around the well appear clean?		<input checked="" type="checkbox"/>
8. Is the casing secure?		<input checked="" type="checkbox"/>
9. Is surface seal void of erosion around/under the base?		<input checked="" type="checkbox"/>
10. Is the surface seal free of cracks?		<input checked="" type="checkbox"/>
11. Is the surface seal sloped?		<input checked="" type="checkbox"/>
12. Is the locking cap free of rust?		<input checked="" type="checkbox"/>
13. Any obstruction or kinks in the well?		<input checked="" type="checkbox"/>
14. Does bladder pump & appurtenances work properly?	<input checked="" type="checkbox"/>	
15. Is there any evidence of natural contamination?		<input checked="" type="checkbox"/>
16. Any presence of water in annular space?		<input checked="" type="checkbox"/>
17. Has well or protective casing been recently painted?		<input checked="" type="checkbox"/>
18. Any grease/unnatural substances on the top of well?		<input checked="" type="checkbox"/>
19. Are there weep holes at the bottom of casing?		<input checked="" type="checkbox"/>

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Page Pit ~ North

Monitoring Well/Point G35S Date: 7-26-05 Start Time: 10:38

Field Personnel: R. ZINSEL Finish Time: 11:10

Well Depth (Bottom) From MP: 19.97 ft

Depth to Water From MP (Prepurgings) 8.25 ft Well Water Volume: _____ gal

Water Column Length: _____ ft Water Evacuated: _____ gal

(Pipe ID: 1.5" - 0.092 gal/ft, 2" - 0.16 gal/ft, 2.5" - 0.26 gal/ft)

Evacuated with: _____ Teflon Bailor _____ Waterra ☒ Bladder _____ Electric Pump _____ Other (specify)

Sampled with: _____ Teflon Bailor _____ Waterra ☒ Bladder _____ Electric Pump _____ Other (specify)

Sample Appearance: Odor: No Color: Clear Turbidity: Slight

Weather: Cloudy 80°F Winds < 5mph

Environment: Wooded ~ Tall Weeds

Remarks/Well Condition: _____

Time Collected Parameter 5

Unfiltered:

_____	Y / N	VOA (40mL)
_____	Y / N	TOX (250 mL)
_____	Y / N	TOC (40 mL)
_____	Y / N	Organics (1/2 gal)
<u>11:00</u>	<u>Y</u> / N	Phenol (250 mL)
_____	<u>Y</u> / N	CN- (250 mL)
_____	Y / N	Grease & Oil (1 L)
_____	Y / N	Metals (Total) (500 mL)
_____	Y / N	General (500 mL)
_____	Y / N	Ammonia (500 mL)
_____	Y / N	_____
_____	Y / N	_____

Filtered: Field Filtered Inorganics Y / N

_____	<u>Y</u> / N	Metals (500 mL)
_____	<u>Y</u> / N	Ammonia/NO ₂ /NO ₃ (500 mL)
_____	<u>Y</u> / N	General (500 mL)

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol	10:39	8.25	6.51	570	16°C
2nd Vol	10:40	8.25	6.72	690	15°C
3rd Vol	10:41	8.35	6.80	700	

Well Integrity Form		Yes	No
1. Does well have identification sign?	<input checked="" type="checkbox"/>		
2. Does well have protective posts?	<input checked="" type="checkbox"/>		
3. Is the protective casing locked and does key work?	<input checked="" type="checkbox"/>		
4. Is the well free of damage and in good shape?	<input checked="" type="checkbox"/>		
5. Does well cap fit securely?	<input checked="" type="checkbox"/>		
6. Is the well cap vented?	<input checked="" type="checkbox"/>		
7. Does the area around the well appear clean?	<input checked="" type="checkbox"/>		
8. Is the casing secure?	<input checked="" type="checkbox"/>		
9. Is surface seal void of erosion around/under the base?	<input checked="" type="checkbox"/>		
10. Is the surface seal free of cracks?	<input checked="" type="checkbox"/>		
11. Is the surface seal sloped?	<input checked="" type="checkbox"/>		
12. Is the locking cap free of rust?	<input checked="" type="checkbox"/>		
13. Any obstruction or kinks in the well?	<input checked="" type="checkbox"/>		
14. Does bladder pump & appurtenances work properly?	<input checked="" type="checkbox"/>		
15. Is there any evidence of natural contamination?	<input checked="" type="checkbox"/>		
16. Any presence of water in annular space?	<input checked="" type="checkbox"/>		
17. Has well or protective casing been recently painted?	<input checked="" type="checkbox"/>		
18. Any grease/unnatural substances on the top of well?	<input checked="" type="checkbox"/>		
19. Are there weep holes at the bottom of casing?	<input checked="" type="checkbox"/>		

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

Sampler's Signature: [Signature]

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Page Pit n

Monitoring Well/Point G-365 Date: 7/26/08 Start Time: 840

Field Personnel: DNB Finish Time: 900

Well Depth (Bottom) From MP: 3985 ft

Depth to Water From MP (Prepurgas) 6.00 ft Well Water Volume: _____ gal

Water Column Length: _____ ft Water Evacuated: _____ gal

(Pipe ID: 1.5" - 0.092 gal/ft, 2" - 0.16 gal/ft, 2.5" - 0.26 gal/ft)

Evacuated with: _____ Teflon Bailor _____ Waterra ☒ Bladder _____ Electric Pump _____ Other (specify)

Sampled with: _____ Teflon Bailor _____ Waterra ☒ Bladder _____ Electric Pump _____ Other (specify)

Sample Appearance: Odor: None Color: Clear Turbidity: Trace

Weather: Cloudy 75°

Environment: Dry grass / Tall grass

Remarks/Well Condition: _____

Time Collected Parameter (5)

Unfiltered:

Time	Collected	Parameter
<u>7/24/08</u>	<u>Y/N</u>	VOA (40mL)
<u>7/24/08</u>	<u>Y/N</u>	TOX (250 mL)
<u>7/24/08</u>	<u>Y/N</u>	TOC (40 mL)
<u>7/24/08</u>	<u>Y/N</u>	Organics (1/2 gal)
<u>7/24/08</u>	<u>Y/N</u>	Phenol (250 mL)
<u>7/24/08</u>	<u>Y/N</u>	CN- (250 mL)
<u>7/24/08</u>	<u>Y/N</u>	Grease & Oil (1 L)
<u>7/24/08</u>	<u>Y/N</u>	Metals (Total) (500 mL)
<u>7/24/08</u>	<u>Y/N</u>	General (500 mL)
<u>7/24/08</u>	<u>Y/N</u>	Ammonia (500 mL)
<u>7/24/08</u>	<u>Y/N</u>	
<u>7/24/08</u>	<u>Y/N</u>	

Filtered:

Time	Collected	Parameter
<u>7/24/08</u>	<u>Y/N</u>	Field Filtered Inorganics <u>Y/N</u>
<u>7/24/08</u>	<u>Y/N</u>	Metals (500 mL)
<u>7/24/08</u>	<u>Y/N</u>	Ammonia/NO ₂ /NO ₃ (500 mL)
<u>7/24/08</u>	<u>Y/N</u>	General (500 mL)

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol		6.00	7.62	720	17.2
2nd Vol		6.00	7.63	740	13.4
3rd Vol		6.00	7.54	745	12.8

Sampler's Signature: DNB

Well Integrity Form

	Yes	No
1. Does well have identification sign?	<input checked="" type="checkbox"/>	
2. Does well have protective posts?		<input checked="" type="checkbox"/>
3. Is the protective casing locked and does key work?	<input checked="" type="checkbox"/>	
4. Is the well free of damage and in good shape?	<input checked="" type="checkbox"/>	
5. Does well cap fit securely?	<input checked="" type="checkbox"/>	
6. Is the well cap vented?	<input checked="" type="checkbox"/>	
7. Does the area around the well appear clean?	<input checked="" type="checkbox"/>	
8. Is the casing secure?	<input checked="" type="checkbox"/>	
9. Is surface seal void of erosion around/under the base?	<input checked="" type="checkbox"/>	
10. Is the surface seal free of cracks?	<input checked="" type="checkbox"/>	
11. Is the surface seal sloped?	<input checked="" type="checkbox"/>	
12. Is the locking cap free of rust?		<input checked="" type="checkbox"/>
13. Any obstruction or kinks in the well?		<input checked="" type="checkbox"/>
14. Does bladder pump & appurtenances work properly?	<input checked="" type="checkbox"/>	
15. Is there any evidence of natural contamination?		<input checked="" type="checkbox"/>
16. Any presence of water in annular space?		<input checked="" type="checkbox"/>
17. Has well or protective casing been recently painted?		<input checked="" type="checkbox"/>
18. Any grease/unnatural substances on the top of well?		<input checked="" type="checkbox"/>
19. Are there weep holes at the bottom of casing?		<input checked="" type="checkbox"/>

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Page Pit NORTH
 Monitoring Well/Point G37D Date: 7-26-05 Start Time: _____
 Field Personnel: Sam Finish Time: 8:40
 Well Depth (Bottom) From MP: 81.75 ft
 Depth to Water From MP (Prepurgings) 5.06 ft Well Water Volume: _____ gal
 Water Column Length: _____ ft Water Evacuated: _____ gal
 (Pipe ID: 1.5" - 0.092 gal/ft, 2" - 0.16 gal/ft, 2.5" - 0.26 gal/ft)
 Evacuated with: _____ Teflon Bailor _____ Waterra ☒ Bladder _____ Electric Pump _____ Other (specify)
 Sampled with: _____ Teflon Bailor _____ Waterra ☒ Bladder _____ Electric Pump _____ Other (specify)
 Sample Appearance: Odor: NONE Color: NONE Turbidity: 5-10-45
 Weather: Cloudy Humid 75°
 Environment: TALL GRASS / WOODS
 Remarks/Well Condition: _____

Time	Collected	Parameter
Unfiltered:	<u>5</u>	
	Y / N	VOA (40mL)
	Y / N	TOX (250 mL)
	Y / N	TOC (40 mL)
	Y / N	Organics (1/2 gal)
	<input checked="" type="checkbox"/> N	Phenol (250 mL)
	<input checked="" type="checkbox"/> N	CN- (250 mL)
	Y / N	Grease & Oil (1 L)
	Y / N	Metals (Total) (500 mL)
	Y / N	General (500 mL)
	Y / N	Ammonia (500 mL)
	Y / N	
	Y / N	

Well Integrity Form		Yes	No
1. Does well have identification sign?	<input checked="" type="checkbox"/>		
2. Does well have protective posts?			<input checked="" type="checkbox"/>
3. Is the protective casing locked and does key work?	<input checked="" type="checkbox"/>		
4. Is the well free of damage and in good shape?	<input checked="" type="checkbox"/>		
5. Does well cap fit securely?	<input checked="" type="checkbox"/>		
6. Is the well cap vented?	<input checked="" type="checkbox"/>		
7. Does the area around the well appear clean?	<input checked="" type="checkbox"/>		
8. Is the casing secure?	<input checked="" type="checkbox"/>		
9. Is surface seal void of erosion around/under the base?			
10. Is the surface seal free of cracks?			
11. Is the surface seal sloped?	<input checked="" type="checkbox"/>		
12. Is the locking cap free of rust?	<input checked="" type="checkbox"/>		
13. Any obstruction or kinks in the well?			<input checked="" type="checkbox"/>
14. Does bladder pump & appurtenances work properly?	<input checked="" type="checkbox"/>		
15. Is there any evidence of natural contamination?			<input checked="" type="checkbox"/>
16. Any presence of water in annular space?			<input checked="" type="checkbox"/>
17. Has well or protective casing been recently painted?			<input checked="" type="checkbox"/>
18. Any grease/unnatural substances on the top of well?			<input checked="" type="checkbox"/>
19. Are there weep holes at the bottom of casing?			<input checked="" type="checkbox"/>

Filtered: _____
 Field Filtered Inorganics ☒ N
☒ N Metals (500 mL)
☒ N Ammonia/NO₂/NO₃ (500 mL)
☒ N General (500 mL)

Purge	Time	DTW	7.38	Spec Con	Temp
1st Vol		6.00	7.16	716	14.4
2nd Vol		6.18	7.41	717	14.7
3rd Vol		6.30	7.47	719	15

Sam 7-26-05

Sampler's Signature: [Signature]

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Page PitMonitoring Well/Point G315Date: 7-26-05

Start Time: _____

Field Personnel: SMFinish Time: 8:52Well Depth (Bottom) From MP: 17.65 ftDepth to Water From MP (Prepurges) 5.45 ft

Well Water Volume: _____ gal

Water Column Length: _____ ft

Water Evacuated: _____ gal

(Pipe ID: 1.5" - 0.092 gal/ft, 2" - 0.16 gal/ft, 2.5 - 0.26 gal/ft)

Evacuated with: _____ Teflon Bailor _____ Waterra ☒ Bladder _____ Electric Pump _____ Other (specify)Sampled with _____ Teflon Bailor _____ Waterra ☒ Bladder _____ Electric Pump _____ Other (specify)Sample Appearance: Odor: NONE Color: GRAY Turbidity: 2.16 NTUWeather: CLOUDY HUMID 75°Environment: TALL BRASS/WOODS

Remarks/Well Condition: _____

Time	Collected	Parameter
Unfiltered:	<u>5</u>	
	Y/N	VOA (40mL)
	Y/N	TOX (250 mL)
	Y/N	TOC (40 mL)
	Y/N	Organics (1/2 gal)
	<input checked="" type="checkbox"/> N	Phenol (250 mL)
	<input checked="" type="checkbox"/> N	CN- (250 mL)
	Y/N	Grease & Oil (1 L)
	Y/N	Metals (Total) (500 mL)
	Y/N	General (500 mL)
	Y/N	Ammonia (500 mL)
	Y/N	
	Y/N	

Filtered:		Field Filtered Inorganics <u>Y</u> N
	<input checked="" type="checkbox"/> N	Metals (500 mL)
	<input checked="" type="checkbox"/> N	Ammonia/NO ₂ /NO ₃ (500 mL)
	<input checked="" type="checkbox"/> N	General (500 mL)

Well Integrity Form		Yes	No
1. Does well have identification sign?		<input checked="" type="checkbox"/>	
2. Does well have protective posts?			<input checked="" type="checkbox"/>
3. Is the protective casing locked and does key work?		<input checked="" type="checkbox"/>	
4. Is the well free of damage and in good shape?		<input checked="" type="checkbox"/>	
5. Does well cap fit securely?		<input checked="" type="checkbox"/>	
6. Is the well cap vented?		<input checked="" type="checkbox"/>	
7. Does the area around the well appear clean?		<input checked="" type="checkbox"/>	
8. Is the casing secure?		<input checked="" type="checkbox"/>	
9. Is surface seal void of erosion around/under the base?			
10. Is the surface seal free of cracks?			
11. Is the surface seal sloped?		<input checked="" type="checkbox"/>	
12. Is the locking cap free of rust?		<input checked="" type="checkbox"/>	
13. Any obstruction or kinks in the well?			<input checked="" type="checkbox"/>
14. Does bladder pump & appurtenances work properly?		<input checked="" type="checkbox"/>	
15. Is there any evidence of natural contamination?			<input checked="" type="checkbox"/>
16. Any presence of water in annular space?			<input checked="" type="checkbox"/>
17. Has well or protective casing been recently painted?			<input checked="" type="checkbox"/>
18. Any grease/unnatural substances on the top of well?			<input checked="" type="checkbox"/>
19. Are there weep holes at the bottom of casing?			<input checked="" type="checkbox"/>

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol		<u>6.02</u>	<u>7.21</u>	<u>959</u>	<u>14.6</u>
2nd Vol		<u>6.22</u>	<u>7.26</u>	<u>949</u>	<u>13.5</u>
3rd Vol		<u>6.50</u>	<u>7.29</u>	<u>996</u>	<u>13.2</u>

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

Sampler's Signature: _____

PDC Laboratories, Inc. P.O. Box 9071 Peoria, IL 61612-9071 Phone: 309-692-9688 Fax: 309-692-9689

X:\lgrudy\misc\gwsamplingform\Sheet 2-revised.xls 2/17/04

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No.

Pagel Pit

Monitoring Well/Point

G-38

Date:

7/26/05

Start Time:

9:35

Field Personnel:

DMB

Finish Time:

9:55

Well Depth (Bottom) From MP:

32.64 ft

Depth to Water From MP (Prepurges)

11.70 ft

Well Water Volume:

gal

Water Column Length:

ft

Water Evacuated:

gal

(Pipe ID: 1.5" - 0.092 gal/ft, 2" - 0.16 gal/ft, 2.5" - 0.26 gal/ft)

Evacuated with:

Teflon Bailor

Waterra

X

Bladder

Electric Pump

Other (specify)

Sampled with:

Teflon Bailor

Waterra

✓

Bladder

Electric Pump

Other (specify)

Sample Appearance: Odor:

None

Color:

Clear

Turbidity:

Low

Weather:

Raining 75°F

Environment:

Wet ground

Remarks/Well Condition:

Time Collected	Parameter
Unfiltered:	
Y / N	VOA (40mL)
Y / N	TOX (250 mL)
Y / N	TOC (40 mL)
Y / N	Organics (1/2 gal)
Y / N	Phenol (250 mL)
Y / N	CN- (250 mL)
Y / N	Grease & Oil (1 L)
Y / N	Metals (Total) (500 mL)
Y / N	General (500 mL)
Y / N	Ammonia (500 mL)
Y / N	
Y / N	

Well Integrity Form		Yes	No
1. Does well have identification sign?		X	
2. Does well have protective posts?			✓
3. Is the protective casing locked and does key work?		✓	
4. Is the well free of damage and in good shape?		✓	
5. Does well cap fit securely?		✓	
6. Is the well cap vented?		✓	
7. Does the area around the well appear clean?		✓	
8. Is the casing secure?		✓	
9. Is surface seal void of erosion around/under the base?		✓	
10. Is the surface seal free of cracks?		✓	
11. Is the surface seal sloped?		✓	
12. Is the locking cap free of rust?			✓
13. Any obstruction or kinks in the well?			✓
14. Does bladder pump & appurtenances work properly?		X	
15. Is there any evidence of natural contamination?			✓
16. Any presence of water in annular space?			✓
17. Has well or protective casing been recently painted?			✓
18. Any grease/unnatural substances on the top of well?			✓
19. Are there weep holes at the bottom of casing?			✓

Filtered:

Field Filtered Inorganics Y / N

Y / N	Metals (500 mL)
Y / N	Ammonia/NO ₂ /NO ₃ (500 mL)
Y / N	General (500 mL)

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol		11.80	7.08	1690	17.4
2nd Vol		11.95	7.09	1610	16.3
3rd Vol		11.95	7.11	1620	15.1

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

Sampler's Signature:

DMB

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Pagel Pit W

Monitoring Well/Point C39 Date: 7/26/05 Start Time: 10:60

Field Personnel: DJB Finish Time: 1025

Well Depth (Bottom) From MP: 53.50 ft

Depth to Water From MP (Prepurges) 26.20 ft Well Water Volume: _____ gal

Water Column Length: _____ ft Water Evacuated: _____ gal
(Pipe -D: 1.5" - 0.092 gal/ft, 2" - 0.16 gal/ft, 2.5" - 0.26 gal/ft)

Evacuated with: _____ Teflon Bailer _____ Waterra X Bladder _____ Electric Pump _____ Other (specify)

Sampled with: _____ Teflon Bailer _____ Waterra ✓ Bladder _____ Electric Pump _____ Other (specify)

Sample Appearance: Odor: None Color: Clear Turbidity: Trace

Weather: Clouds 75°F

Environment: Dry ground / directly next to hard road

Remarks/Well Condition: _____

Time Collected Parameter 5

Unfiltered:

Y / N	VOA (40mL)
Y / N	TOX (250 mL)
Y / N	TOC (40 mL)
Y / N	Organics (1/2 gal)
<u>Y</u> / N	Phenol (250 mL)
<u>Y</u> / N	CN- (250 mL)
Y / N	Grease & Oil (1 L)
Y / N	Metals (Total) (500 mL)
Y / N	General (500 mL)
Y / N	Ammonia (500 mL)
Y / N	
Y / N	

Filtered: Field Filtered Inorganics Y / N

<u>Y</u> / N	Metals (500 mL)
<u>Y</u> / N	Ammonia/NO ₂ /NO ₃ (500 mL)
<u>Y</u> / N	General (500 mL)

Well Integrity Form		Yes	No
1. Does well have identification sign?		<u>X</u>	
2. Does well have protective posts?			<u>✓</u>
3. Is the protective casing locked and does key work?		<u>✓</u>	
4. Is the well free of damage and in good shape?		<u>✓</u>	
5. Does well cap fit securely?		<u>✓</u>	
6. Is the well cap vented?		<u>✓</u>	
7. Does the area around the well appear clean?		<u>✓</u>	
8. Is the casing secure?		<u>✓</u>	
9. Is surface seal void of erosion around/under the base?		<u>✓</u>	
10. Is the surface seal free of cracks?		<u>✓</u>	
11. Is the surface seal sloped?		<u>✓</u>	
12. Is the locking cap free of rust?			<u>✓</u>
13. Any obstruction or kinks in the well?			<u>X</u>
14. Does bladder pump & appurtenances work properly?		<u>✓</u>	
15. Is there any evidence of natural contamination?			<u>✓</u>
16. Any presence of water in annular space?			<u>✓</u>
17. Has well or protective casing been recently painted?			<u>✓</u>
18. Any grease/unnatural substances on the top of well?			<u>✓</u>
19. Are there weep holes at the bottom of casing?			<u>✓</u>

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol		26.20	7.22	1385	15.6
2nd Vol		26.45	7.07	1350	15.2
3rd Vol		26.65	7.08	1370	14.5

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

Sampler's Signature: DJB

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Page Pit N

Monitoring Well/Point G40 Date: 7/26/05 Start Time: 10:30

Field Personnel: JB Finish Time: 1050

Well Depth (Bottom) From MP: 3872 ft

Depth to Water From MP (Prepurgas) 29.45 ft Well Water Volume: _____ gal

Water Column Length: _____ ft Water Evacuated: _____ gal

(Pipe ID: 1.5" - 0.092 gal/ft 2" - 0.16 gal/ft, 2.5" - 0.26 gal/ft)

Evacuated with: _____ Teflon Bailer _____ Waterra ☒ Bladder _____ Electric Pump _____ Other (specify)

Sampled with: _____ Teflon Bailer _____ Waterra ☒ Bladder _____ Electric Pump _____ Other (specify)

Sample Appearance: Odor: _____ Color: _____ Turbidity: _____

Weather: Cloudy Drizzle 75.7

Environment: Dry ground / next to Flare Station

Remarks/Well Condition: _____

Time Collected Parameter (5)

Unfiltered:

_____	Y / N	VOA (40mL)
_____	Y / N	TOX (250 mL)
_____	Y / N	TOC (40 mL)
_____	Y / N	Organics (1/2 gal)
_____	<u>Y</u> / N	Phenol (250 mL)
_____	<u>Y</u> / N	CN- (250 mL)
_____	Y / N	Grease & Oil (1 L)
_____	Y / N	Metals (Total) (500 mL)
_____	Y / N	General (500 mL)
_____	Y / N	Ammonia (500 mL)
_____	Y / N	_____
_____	Y / N	_____

Filtered:

_____	<u>Y</u> / N	Field Filtered Inorganics Y / N
_____	<u>Y</u> / N	Metals (500 mL)
_____	<u>Y</u> / N	Ammonia/NO ₂ /NO ₃ (500 mL)
_____	<u>Y</u> / N	General (500 mL)

Well Integrity Form		Yes	No
1. Does well have identification sign?		<input checked="" type="checkbox"/>	
2. Does well have protective posts?			<input checked="" type="checkbox"/>
3. Is the protective casing locked and does key work?		<input checked="" type="checkbox"/>	
4. Is the well free of damage and in good shape?		<input checked="" type="checkbox"/>	
5. Does well cap fit securely?		<input checked="" type="checkbox"/>	
6. Is the well cap vented?		<input checked="" type="checkbox"/>	
7. Does the area around the well appear clean?		<input checked="" type="checkbox"/>	
8. Is the casing secure?		<input checked="" type="checkbox"/>	
9. Is surface seal void of erosion around/under the base?		<input checked="" type="checkbox"/>	
10. Is the surface seal free of cracks?		<input checked="" type="checkbox"/>	
11. Is the surface seal sloped?		<input checked="" type="checkbox"/>	
12. Is the locking cap free of rust?			<input checked="" type="checkbox"/>
13. Any obstruction or kinks in the well?			<input checked="" type="checkbox"/>
14. Does bladder pump & appurtenances work properly?		<input checked="" type="checkbox"/>	
15. Is there any evidence of natural contamination?			<input checked="" type="checkbox"/>
16. Any presence of water in annular space?			<input checked="" type="checkbox"/>
17. Has well or protective casing been recently painted?			<input checked="" type="checkbox"/>
18. Any grease/unnatural substances on the top of well?			<input checked="" type="checkbox"/>
19. Are there weep holes at the bottom of casing?			<input checked="" type="checkbox"/>

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol		29.50	6.91	1300	17.4
2nd Vol		29.50	6.90	1400	13.9
3rd Vol		29.50	6.93	1400	13.8

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

Sampler's Signature: [Signature]

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Page Pit NORTH

Monitoring Well/Point G41D Date: 7-26-05 Start Time: _____

Field Personnel: JTM Finish Time: 11:11

Well Depth (Bottom) From MP: 101.60 ft

Depth to Water From MP (Prepurgings) 20.50 ft Well Water Volume: _____ gal

Water Column Length: _____ ft Water Evacuated: _____ gal

(Pipe ID 1.5" - 0.032 gal/ft, 2" - 0.16 gal/ft, 2.5" - 0.26 gal/ft)

Evacuated with: _____ Teflon Bailor _____ Waterra ☒ Bladder _____ Electric Pump _____ Other (specify) _____

Sampled with: _____ Teflon Bailor _____ Waterra ☒ Bladder _____ Electric Pump _____ Other (specify) _____

Sample Appearance: Odor: NONE Color: NONE Turbidity: SLIGHT

Weather: CLOUDY HUMID 75°

Environment: THICK WOODS

Remarks/Well Condition: _____

Time	Collected	Parameter
Unfiltered:	<u>5</u>	
Y/N		VOA (40mL)
Y/N		TOX (250 mL)
Y/N		TOC (40 mL)
Y/N		Organics (1/2 gal)
Y/N		Phenol (250 mL)
Y/N		CN- (250 mL)
Y/N		Grease & Oil (1 L)
Y/N		Metals (Total) (500 mL)
Y/N		General (500 mL)
Y/N		Ammonia (500 mL)
Y/N		
Y/N		

Well Integrity Form		Yes	No
1. Does well have identification sign?		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2. Does well have protective posts?		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3. Is the protective casing locked and does key work?		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4. Is the well free of damage and in good shape?		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5. Does well cap fit securely?		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6. Is the well cap vented?		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7. Does the area around the well appear clean?		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
8. Is the casing secure?		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9. Is surface seal void of erosion around/under the base?		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10. Is the surface seal free of cracks?		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
11. Is the surface seal sloped?		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
12. Is the locking cap free of rust?		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
13. Any obstruction or kinks in the well?		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
14. Does bladder pump & appurtenances work properly?		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
15. Is there any evidence of natural contamination?		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
16. Any presence of water in annular space?		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
17. Has well or protective casing been recently painted?		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
18. Any grease/unnatural substances on the top of well?		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
19. Are there weep holes at the bottom of casing?		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Filtered: _____

Field Filtered Inorganics Y/N

Metals (500 mL)

Ammonia/NO₂/NO₃ (500 mL)

General (500 mL)

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol		<u>20.50</u>	<u>7.52</u>	<u>593</u>	<u>18.5</u>
2nd Vol		<u>20.55</u>	<u>7.54</u>	<u>580</u>	<u>18.4</u>
3rd Vol		<u>20.55</u>	<u>7.55</u>	<u>582</u>	<u>19</u>

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

Sampler's Signature: _____

PDC Laboratories, Inc. P.O. Box 9071 Peoria, IL 61612-9071 Phone: 309-692-9688 Fax: 309-692-9689

X:\gtrudy\misc\gwsamplingform\Sheet 2-revised.xls 2/17/04

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Page Pit North

Monitoring Well/Point G41M Date: 7-26-05 Start Time: _____

Field Personnel: JTM Finish Time: 10:22

Well Depth (Bottom) From MP: 61.50 ft

Depth to Water From MP (Prepurgings) 19.60 ft Well Water Volume: _____ gal

Water Column Length: _____ ft Water Evacuated: _____ gal

(Pipe ID. 1.5" - 0.032 gal/ft, 2" - 0.16 gal/ft, 2.5" - 0.26 gal/ft)

Evacuated with: _____ Teflon Bailor _____ Waterra ☒ Bladder _____ Electric Pump _____ Other (specify)

Sampled with: _____ Teflon Bailor _____ Waterra ☒ Bladder _____ Electric Pump _____ Other (specify)

Sample Appearance: Odor: DIRT Color: PAV Turbidity: 541848

Weather: Cloudy Humid 75°

Environment: THICK Woods

Remarks/Well Condition: _____

Time Collected	Parameter
Unfiltered:	
Y / N	VOA (40mL)
Y / N	TOX (250 mL)
Y / N	TOC (40 mL)
Y / N	Organics (1/2 gal)
<input checked="" type="checkbox"/> / N	Phenol (250 mL)
<input checked="" type="checkbox"/> / N	CN- (250 mL)
Y / N	Grease & Oil (1 L)
Y / N	Metals (Total) (500 mL)
Y / N	General (500 mL)
Y / N	Ammonia (500 mL)
Y / N	
Y / N	

Filtered:

Field Filtered Inorganics	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N
<input checked="" type="checkbox"/> Y / N	Metals (500 mL)
<input checked="" type="checkbox"/> Y / N	Ammonia/NO ₂ /NO ₃ (500 mL)
<input checked="" type="checkbox"/> Y / N	General (500 mL)

Well Integrity Form		Yes	No
1. Does well have identification sign?		<input checked="" type="checkbox"/>	
2. Does well have protective posts?			<input checked="" type="checkbox"/>
3. Is the protective casing locked and does key work?			<input checked="" type="checkbox"/>
4. Is the well free of damage and in good shape?		<input checked="" type="checkbox"/>	
5. Does well cap fit securely?		<input checked="" type="checkbox"/>	
6. Is the well cap vented?		<input checked="" type="checkbox"/>	
7. Does the area around the well appear clean?		<input checked="" type="checkbox"/>	
8. Is the casing secure?		<input checked="" type="checkbox"/>	
9. Is surface seal void of erosion around/under the base?			<input checked="" type="checkbox"/>
10. Is the surface seal free of cracks?			<input checked="" type="checkbox"/>
11. Is the surface seal sloped?		<input checked="" type="checkbox"/>	
12. Is the locking cap free of rust?		<input checked="" type="checkbox"/>	
13. Any obstruction or kinks in the well?			<input checked="" type="checkbox"/>
14. Does bladder pump & appurtenances work properly?			<input checked="" type="checkbox"/>
15. Is there any evidence of natural contamination?			<input checked="" type="checkbox"/>
16. Any presence of water in annular space?		<input checked="" type="checkbox"/>	
17. Has well or protective casing been recently painted?			<input checked="" type="checkbox"/>
18. Any grease/unnatural substances on the top of well?			<input checked="" type="checkbox"/>
19. Are there weep holes at the bottom of casing?			<input checked="" type="checkbox"/>

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol		19.90	7.46	1504	17.2
2nd Vol		20.22	7.48	1400	17.3
3rd Vol		20.52	7.32	1307	17.2

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

Sampler's Signature: [Signature]

PDC Laboratories, Inc. P.O. Box 9071 Peoria, IL 61612-9071 Phone: 309-692-9688 Fax: 309-692-9689

X:\ltrudy\misc\gwsamplingform\Sheet 2-revised.xls 2/17/04

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Page Pit NORTH

Monitoring Well/Point G41S Date: 7-26-05 Start Time: _____

Field Personnel: JTM Finish Time: 10:30

Well Depth (Bottom) From MP: 37.79 ft

Depth to Water From MP (Prepurgas) 21.77 ft Well Water Volume: _____ gal

Water Column Length: _____ ft Water Evacuated: _____ gal

(Pipe ID: 1.5" - 0.092 gal/ft, 2" - 0.16 gal/ft, 2.5" - 0.26 gal/ft)

Evacuated with: _____ Teflon Bailor _____ Waterra ☒ Bladder _____ Electric Pump _____ Other (specify)

Sampled with: _____ Teflon Bailor _____ Waterra ☒ Bladder _____ Electric Pump _____ Other (specify)

Sample Appearance: Odor: ORGANIC Color: BROWN Turbidity: 5.16 NTU

Weather: CLOUDY HUMID 75°

Environment: THICK WOODS

Remarks/Well Condition: _____

Time Collected	Parameter
Unfiltered: <u>5</u>	VOA (40mL)
Y/N	TOX (250 mL)
Y/N	TOC (40 mL)
Y/N	Organics (1/2 gal)
<u>8</u> Y/N	Phenol (250 mL)
<u>8</u> Y/N	CN- (250 mL)
Y/N	Grease & Oil (1 L)
Y/N	Metals (Total) (500 mL)
Y/N	General (500 mL)
Y/N	Ammonia (500 mL)
Y/N	
Y/N	

Filtered: _____

Field Filtered Inorganics Y N

8 Y/N Metals (500 mL)

8 Y/N Ammonia/NO₂/NO₃ (500 mL)

8 Y/N General (500 mL)

Well Integrity Form		Yes	No
1. Does well have identification sign?		<input checked="" type="checkbox"/>	
2. Does well have protective posts?			<input checked="" type="checkbox"/>
3. Is the protective casing locked and does key work?			<input checked="" type="checkbox"/>
4. Is the well free of damage and in good shape?		<input checked="" type="checkbox"/>	
5. Does well cap fit securely?		<input checked="" type="checkbox"/>	
6. Is the well cap vented?		<input checked="" type="checkbox"/>	
7. Does the area around the well appear clean?		<input checked="" type="checkbox"/>	
8. Is the casing secure?		<input checked="" type="checkbox"/>	
9. Is surface seal void of erosion around/under the base?			<input checked="" type="checkbox"/>
10. Is the surface seal free of cracks?			<input checked="" type="checkbox"/>
11. Is the surface seal sloped?		<input checked="" type="checkbox"/>	
12. Is the locking cap free of rust?		<input checked="" type="checkbox"/>	
13. Any obstruction or kinks in the well?			<input checked="" type="checkbox"/>
14. Does bladder pump & appurtenances work properly?		<input checked="" type="checkbox"/>	
15. Is there any evidence of natural contamination?			<input checked="" type="checkbox"/>
16. Any presence of water in annular space?			<input checked="" type="checkbox"/>
17. Has well or protective casing been recently painted?			<input checked="" type="checkbox"/>
18. Any grease/unnatural substances on the top of well?			<input checked="" type="checkbox"/>
19. Are there weep holes at the bottom of casing?			<input checked="" type="checkbox"/>

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol		<u>21.80</u>	<u>7.11</u>	<u>1322</u>	<u>19</u>
2nd Vol		<u>21.80</u>	<u>7.16</u>	<u>1330</u>	<u>19.1</u>
3rd Vol		<u>21.80</u>	<u>7.14</u>	<u>1324</u>	<u>19.1</u>

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

Sampler's Signature: [Signature]

PDC Laboratories, Inc. P.O. Box 9071 Peoria, IL 61612-9071 Phone: 309-692-9688 Fax: 309-692-9689

X:\lgtrudy\misc\gwsamplingform\Sheet 2-revised.xls 2/17/04

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Page Pit h
 Monitoring Well/Point 6423 Date: 7/26/05 Start Time: 9:05
 Field Personnel: Sub Finish Time: 9:30
 Well Depth (Bottom) From MP: 20.20 ft
 Depth to Water From MP (Prepurgings) 16.38 ft Well Water Volume: _____ gal
 Water Column Length: _____ ft Water Evacuated: _____ gal
 (Pipe ID: 1.5" - 0.092 gal/ft, 2" - 0.16 gal/ft, 2.5" - 0.26 gal/ft)
 Evacuated with: _____ Teflon Bailor _____ Waterra Y Bladder _____ Electric Pump _____ Other (specify)
 Sampled with: _____ Teflon Bailor _____ Waterra Y Bladder _____ Electric Pump _____ Other (specify)
 Sample Appearance: Odor: None Color: Clear Turbidity: Trace
 Weather: Cloudy 75°F
 Environment: Dry Ground / Tall Grass
 Remarks/Well Condition:

Time Collected Parameter (5)
 Unfiltered:
 _____ Y / N VOA (40mL)
 _____ Y / N TOX (250 mL)
 _____ Y / N TOC (40 mL)
 _____ Y / N Organics (1/2 gal)
 _____ Y / N Phenol (250 mL)
 _____ Y / N CN- (250 mL)
 _____ Y / N Grease & Oil (1 L)
 _____ Y / N Metals (Total) (500 mL)
 _____ Y / N General (500 mL)
 _____ Y / N Ammonia (500 mL)
 _____ Y / N _____
 _____ Y / N _____

Filtered:
 _____ Y / N Field Filtered Inorganics Y / N
 _____ Y / N Metals (500 mL)
 _____ Y / N Ammonia/NO₂/NO₃ (500 mL)
 _____ Y / N General (500 mL)

Well Integrity Form		Yes	No
1. Does well have identification sign?		<u>X</u>	
2. Does well have protective posts?			<u>✓</u>
3. Is the protective casing locked and does key work?		<u>✓</u>	
4. Is the well free of damage and in good shape?		<u>✓</u>	
5. Does well cap fit securely?		<u>✓</u>	
6. Is the well cap vented?		<u>✓</u>	
7. Does the area around the well appear clean?		<u>✓</u>	
8. Is the casing secure?		<u>✓</u>	
9. Is surface seal void of erosion around/under the base?		<u>✓</u>	
10. Is the surface seal free of cracks?		<u>✓</u>	
11. Is the surface seal sloped?		<u>✓</u>	
12. Is the locking cap free of rust?			<u>✓</u>
13. Any obstruction or kinks in the well?			<u>✓</u>
14. Does bladder pump & appurtenances work properly?		<u>X</u>	<u>✓</u>
15. Is there any evidence of natural contamination?			<u>✓</u>
16. Any presence of water in annular space?			<u>✓</u>
17. Has well or protective casing been recently painted?			<u>✓</u>
18. Any grease/unnatural substances on the top of well?			<u>✓</u>
19. Are there weep holes at the bottom of casing?			<u>✓</u>

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol		<u>16.48</u>	<u>7.22</u>	<u>720</u>	<u>15.1</u>
2nd Vol		<u>16.48</u>	<u>7.12</u>	<u>1380</u>	<u>14.9</u>
3rd Vol		<u>16.48</u>	<u>7.08</u>	<u>1320</u>	<u>14.6</u>
		<u>16.48</u>	<u>7.08</u>	<u>1320</u>	<u>14.5</u>

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

Sampler's Signature: [Signature]

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Page PitMonitoring Well/Point SG1 Date: 7-26-05 Start Time: _____Field Personnel: hm Finish Time: 11:20

Well Depth (Bottom) From MP: _____ ft

Depth to Water From MP (Prepurges) _____ ft

Well Water Volume: _____ gal

Water Column Length: _____ ft

Water Evacuated: _____ gal

(Pipe ID: 1.5" - 0.092 gal/ft, 2" - 0.16 gal/ft, 2.5" - 0.26 gal/ft)

Evacuated with: _____ Teflon Bailer _____ Waterra _____ Bladder _____ Electric Pump _____ Other (specify)

Sampled with: _____ Teflon Bailer _____ Waterra _____ Bladder _____ Electric Pump _____ Other (specify)

Sample Appearance: Odor: _____ Color: _____ Turbidity: _____

Weather: Cloudy Humid 75°Environment: CREEK

Remarks/Well Condition: _____

Time	Collected	Parameter
Unfiltered:	<u>5</u>	
_____	Y / N	VOA (40mL)
_____	Y / N	TOX (250 mL)
_____	Y / N	TOC (40 mL)
_____	Y / N	Organics (1/2 gal)
_____	<u>Y</u> / N	Phenol (250 mL)
_____	<u>Y</u> / N	CN- (250 mL)
_____	Y / N	Grease & Oil (1 L)
_____	Y / N	Metals (Total) (500 mL)
_____	Y / N	General (500 mL)
_____	Y / N	Ammonia (500 mL)
_____	Y / N	
_____	Y / N	

Well Integrity Form

	Yes	No
1. Does well have identification sign?		
2. Does well have protective posts?		
3. Is the protective casing locked and does key work?		
4. Is the well free of damage and in good shape?		
5. Does well cap fit securely?		
6. Is the well cap vented?		
7. Does the area around the well appear clean?		
8. Is the casing secure?		
9. Is surface seal void of erosion around/under the base?		<u>NA</u>
10. Is the surface seal free of cracks?		
11. Is the surface seal sloped?		
12. Is the locking cap free of rust?		
13. Any obstruction or kinks in the well?		
14. Does bladder pump & appurtenances work properly?		
15. Is there any evidence of natural contamination?		
16. Any presence of water in annular space?		
17. Has well or protective casing been recently painted?		
18. Any grease/unnatural substances on the top of well?		
19. Are there weep holes at the bottom of casing?		

Filtered:		Field Filtered Inorganics <u>Y</u> / N
_____	<u>Y</u> / N	Metals (500 mL)
_____	<u>Y</u> / N	Ammonia/NO ₂ /NO ₃ (500 mL)
_____	<u>Y</u> / N	General (500 mL)

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol			<u>7.92</u>	<u>590</u>	<u>26</u>
2nd Vol					
3rd Vol					

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

Sampler's Signature: [Signature]

PDC Laboratories, Inc. P.O. Box 9071 Peoria, IL 61612-9071 Phone: 309-692-9688 Fax: 309-692-9689

X:\gtrudy/misc/gwsamplingform/Sheet 2-revised.xls 2/17/04

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Page PitMonitoring Well/Point SG-3Date: 7-26-05

Start Time: _____

Field Personnel: JohnFinish Time: 12:00

Well Depth (Bottom) From MP: _____ ft

Depth to Water From MP (Prepurges) NA ft

Well Water Volume: _____ gal

Water Column Length: _____ ft

Water Evacuated: _____ gal

(Pipe ID 1.5" - 0.092 gal/ft, 2" - 0.16 gal/ft, 2.5" - 0.26 gal/ft)

Evacuated with: _____ Teflon Bailor _____ Waterra _____ Bladder _____ Electric Pump X Other (specify)Sampled with: _____ Teflon Bailor _____ Waterra _____ Bladder _____ Electric Pump X SHUTTLE Other (specify)Sample Appearance: Odor: NONE Color: NONE Turbidity: SLIGHTWeather: CLOUDY 75° HUMIDEnvironment: CREEK

Remarks/Well Condition: _____

Time	Collected	Parameter
Unfiltered:	<u>5</u>	
	Y / N	VOA (40mL)
	Y / N	TOX (250 mL)
	Y / N	TOC (40 mL)
	Y / N	Organics (1/2 gal)
	<u>Y</u> / N	Phenol (250 mL)
	<u>Y</u> / N	CN- (250 mL)
	Y / N	Grease & Oil (1 L)
	Y / N	Metals (Total) (500 mL)
	Y / N	General (500 mL)
	Y / N	Ammonia (500 mL)
	Y / N	
	Y / N	

Well Integrity Form

	Yes	No
1. Does well have identification sign?		
2. Does well have protective posts?		
3. Is the protective casing locked and does key work?		
4. Is the well free of damage and in good shape?		
5. Does well cap fit securely?		
6. Is the well cap vented?		
7. Does the area around the well appear clean?		
8. Is the casing secure?		
9. Is surface seal void of erosion around/under the base?		
10. Is the surface seal free of cracks?		<u>NA</u>
11. Is the surface seal sloped?		
12. Is the locking cap free of rust?		
13. Any obstruction or kinks in the well?		
14. Does bladder pump & appurtenances work properly?		
15. Is there any evidence of natural contamination?		
16. Any presence of water in annular space?		
17. Has well or protective casing been recently painted?		
18. Any grease/unnatural substances on the top of well?		
19. Are there weep holes at the bottom of casing?		

Filtered:		Field Filtered Inorganics <u>Y</u> / N
	<u>Y</u> / N	Metals (500 mL)
	<u>Y</u> / N	Ammonia/NO ₂ /NO ₃ (500 mL)
	<u>Y</u> / N	General (500 mL)

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol			<u>7.46</u>	<u>604</u>	<u>21.7</u>
2nd Vol					
3rd Vol					

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

Sampler's Signature: [Signature]

PDC Laboratories, Inc. P.O. Box 9071 Peoria, IL 61612-9071 Phone: 309-692-9688 Fax: 309-692-9689

X:\gtrudy\misc\gwsamplingform\Sheet 2-revised xls 2/17/04

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Page1 PitMonitoring Well/Point SG-4Date: 7-26-05

Start Time: _____

Field Personnel: JRMFinish Time: 9:05

Well Depth (Bottom) From MP: _____ ft

Depth to Water From MP (Prepurges) NA ft

Well Water Volume: _____ gal

Water Column Length: _____ ft

Water Evacuated: _____ gal

(Pipe ID: 1.5" - 0.092 gal/ft, 2" - 0.16 gal/ft, 2.5" - 0.26 gal/ft)

Evacuated with: _____ Teflon Bailer _____ Waterra _____ Bladder _____ Electric Pump X Other (specify)Sampled with: _____ Teflon Bailer _____ Waterra _____ Bladder _____ Electric Pump X SHUTTLE Other (specify)Sample Appearance: Odor: NONE Color: TAN Turbidity: SLIGHT BOTTLEWeather: CLOUDY HUMID 75°Environment: CREEK

Remarks/Well Condition: _____

Time	Collected	Parameter
Unfiltered:	<u>5</u>	
_____	Y / N	VOA (40mL)
_____	Y / N	TOX (250 mL)
_____	Y / N	TOC (40 mL)
_____	Y / N	Organics (1/2 gal)
_____	<u>8</u> Y / N	Phenol (250 mL)
_____	<u>8</u> Y / N	CN- (250 mL)
_____	Y / N	Grease & Oil (1 L)
_____	Y / N	Metals (Total) (500 mL)
_____	Y / N	General (500 mL)
_____	Y / N	Ammonia (500 mL)
_____	Y / N	_____
_____	Y / N	_____

Filtered:	Field Filtered Inorganics <u>Y/N</u>
_____	<u>8</u> Y / N Metals (500 mL)
_____	<u>8</u> Y / N Ammonia/NO ₂ /NO ₃ (500 mL)
_____	<u>8</u> Y / N General (500 mL)

Well Integrity Form

	Yes	No
1. Does well have identification sign?		
2. Does well have protective posts?		
3. Is the protective casing locked and does key work?		
4. Is the well free of damage and in good shape?		
5. Does well cap fit securely?		
6. Is the well cap vented?		
7. Does the area around the well appear clean?		
8. Is the casing secure?		
9. Is surface seal void of erosion around/under the base?		
10. Is the surface seal free of cracks?		<u>NA</u>
11. Is the surface seal sloped?		
12. Is the locking cap free of rust?		
13. Any obstruction or kinks in the well?		
14. Does bladder pump & appurtenances work properly?		
15. Is there any evidence of natural contamination?		
16. Any presence of water in annular space?		
17. Has well or protective casing been recently painted?		
18. Any grease/unnatural substances on the top of well?		
19. Are there weep holes at the bottom of casing?		

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol			<u>7.91</u>	<u>598</u>	<u>25</u>
2nd Vol					
3rd Vol					

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

Sampler's Signature: JRM

PDC Laboratories, Inc. P.O. Box 9071 Peoria, IL 61612-9071 Phone: 309-692-9688 Fax: 309-692-9689

X:\gtrudy/misc\gwsamplingform\Sheet 2-revised.xls 2/17/04

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Page1 PitMonitoring Well/Point FB#1Date: 7-27-05

Start Time: _____

Field Personnel: SMFinish Time: 9:30

Well Depth (Bottom) From MP: _____ ft

Depth to Water From MP (Prepurges) NA ft

Well Water Volume: _____ gal

Water Column Length: _____ ft

Water Evacuated: _____ gal

(Pipe ID: 1.5" - 0.092 gal/ft, 2" - 0.16 gal/ft, 2.5" - 0.26 gal/ft)

Evacuated with: _____ Teflon Bailer _____ Waterra _____ Bladder _____ Electric Pump X Other (specify)Sampled with: _____ Teflon Bailer _____ Waterra _____ Bladder _____ Electric Pump X CARBOY Other (specify)

Sample Appearance: Odor: _____ Color: _____ Turbidity: _____

Weather: SUNNY 70°Environment: GRAVEL PAVING LOTRemarks/Well Condition: DI WATER

Time	Collected	Parameter
Unfiltered:	<u>5</u>	
_____	Y / N	VOA (40mL)
_____	Y / N	TOX (250 mL)
_____	Y / N	TOC (40 mL)
_____	Y / N	Organics (1/2 gal)
_____	<u>Y</u> / N	Phenol (250 mL)
_____	<u>Y</u> / N	CN- (250 mL)
_____	Y / N	Grease & Oil (1 L)
_____	<u>Y</u> / N	Metals (Total) (500 mL)
_____	<u>Y</u> / N	General (500 mL)
_____	<u>Y</u> / N	Ammonia (500 mL)
_____	Y / N	
_____	Y / N	

Filtered:	Field Filtered Inorganics Y / N
_____	Y / N Metals (500 mL)
_____	Y / N Ammonia/NO ₂ /NO ₃ (500 mL)
_____	Y / N General (500 mL)

Well Integrity Form		Yes	No
1. Does well have identification sign?			
2. Does well have protective posts?			
3. Is the protective casing locked and does key work?			
4. Is the well free of damage and in good shape?			
5. Does well cap fit securely?			
6. Is the well cap vented?			
7. Does the area around the well appear clean?			
8. Is the casing secure?			
9. Is surface seal void of erosion around/under the base?			<u>NA</u>
10. Is the surface seal free of cracks?			
11. Is the surface seal sloped?			
12. Is the locking cap free of rust?			
13. Any obstruction or kinks in the well?			
14. Does bladder pump & appurtenances work properly?			
15. Is there any evidence of natural contamination?			
16. Any presence of water in annular space?			
17. Has well or protective casing been recently painted?			
18. Any grease/unnatural substances on the top of well?			
19. Are there weep holes at the bottom of casing?			

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol					
2nd Vol			<u>NA</u>		
3rd Vol					

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

Sampler's Signature: [Signature]

PDC Laboratories, Inc. P.O. Box 9071 Peoria, IL 61612-9071 Phone: 309-692-9688 Fax: 309-692-9689

X:\lgrudy\misc\gwsamplingform\Sheet 2-revised.xls 2/17/04

GROUNDWATER SAMPLING RECORD

Site/Project Name/Permit No. Page1 PitMonitoring Well/Point EQUIP BLK Date: 7-27-05

Start Time: _____

Field Personnel: JAMFinish Time: 9:25

Well Depth (Bottom) From MP: _____ ft

Depth to Water From MP (Prepurges) NA ft

Well Water Volume: _____ gal

Water Column Length: _____ ft

Water Evacuated: _____ gal

(Pipe ID: 1.5" - 0.092 gal/ft, 2"-0.16 gal/ft, 2.5 - 0.26 gal/ft)

Evacuated with: _____ Teflon Bailor _____ Waterra _____ Bladder _____ Electric Pump X Other (specify) CARBONSampled with: _____ Teflon Bailor _____ Waterra _____ Bladder _____ Electric Pump X Other (specify)

Sample Appearance: Odor: _____ Color: _____ Turbidity: _____

Weather: SUNNY 70°Environment: GRAVEL PARKING LOTRemarks/Well Condition: DL WATER

Time	Collected	Parameter
Unfiltered:	<u>5</u>	
_____	Y / N	VOA (40mL)
_____	Y / N	TOX (250 mL)
_____	Y / N	TOC (40 mL)
_____	Y / N	Organics (1/2 gal)
_____	<u>Y</u> / N	Phenol (250 mL)
_____	<u>Y</u> / N	CN- (250 mL)
_____	Y / N	Grease & Oil (1 L)
_____	<u>Y</u> / N	Metals (Total) (500 mL)
_____	<u>Y</u> / N	General (500 mL)
_____	<u>Y</u> / N	Ammonia (500 mL)
_____	Y / N	
_____	Y / N	

Well Integrity Form		Yes	No
1. Does well have identification sign?			
2. Does well have protective posts?			
3. Is the protective casing locked and does key work?			
4. Is the well free of damage and in good shape?			
5. Does well cap fit securely?			
6. Is the well cap vented?			
7. Does the area around the well appear clean?			
8. Is the casing secure?			
9. Is surface seal void of erosion around/under the base?			
10. Is the surface seal free of cracks?			
11. Is the surface seal sloped?			
12. Is the locking cap free of rust?			
13. Any obstruction or kinks in the well?			
14. Does bladder pump & appurtenances work properly?			
15. Is there any evidence of natural contamination?			
16. Any presence of water in annular space?			
17. Has well or protective casing been recently painted?			
18. Any grease/unnatural substances on the top of well?			
19. Are there weep holes at the bottom of casing?			

Filtered:	Field Filtered Inorganics Y / N
_____	Y / N Metals (500 mL)
_____	Y / N Ammonia/NO ₂ /NO ₃ (500 mL)
_____	Y / N General (500 mL)

Purge	Time	DTW	pH	Spec Con	Temp
1st Vol					
2nd Vol		<u>NA</u>			
3rd Vol					

	Initial	Std	Read	Adjust
pH		4.00		4.00
		7.00		7.00
		10.00		10.00
Spec Con		1000		1000

Sampler's Signature: [Signature]

PDC Laboratories, Inc. P.O. Box 9071 Peoria, IL 61612-9071 Phone: 309-692-9688 Fax: 309-692-9689

X:\gtrudy\misc\gwsamplingform\Sheet 2-revised.xls 2/17/04